


SIEMENS

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Operating instructions

and Safety Precautions 

Safety precautions



Use only the USB cable supplied to connect your Gigaset 4170/4175isdn to a PC. Do not insert the USB cable until prompted to do so by the PC program's *talk&surf Assistant*. Do not insert or remove the USB cable during a storm. You run the risk of receiving an electric shock. Do not extend the USB cable. This may increase EMC radiation.



Only the **plug-in power supply unit provided** should be used (see underside of base station).



Sensitive electronic equipment may be affected. Please comply with local technical requirements (e.g. in a doctor's surgery).



The equipment may cause an unpleasant hum in hearing aids.



Do not install in bathrooms or shower rooms.



Do not use the base station in environments where there is a risk of explosion (e.g. paint shops).

Please dispose of old equipment in accordance with relevant environmental legislation.

Only commercially available terminals may be connected to the TAE sockets. Install only in covered areas with a temperature range of +5° C to +45°C.



This Gigaset device should only be passed on to third parties complete with the operating instructions.

Brief overview of the handset

Status LED (light-emitting)

lights up during a call;

Flashes for:

- incoming call
- new messages
- alarm calls, reminders, anniversaries

Reception strength

Control key

Talk key

- Accept call
- Dial call number
- Switch from hands-free to handset mode

hands-free talking button

Open PhoneBook

1 key

Long press: call up answering machine

Star key

Long press to switch ringer on and off

Keylock

On/off
long press

Display

Battery level

- ☐ flat (flashes)
- full

Current functions and softkeys

The softkeys give you access to the current functions.

End call and on/off key

- Ending the call
- Abort function
- Press briefly: Back one menu level; long press: return to main menu
- Handset on/off (long press)

Message key

Access to the message lists.

Provider key

- Open provider list: press briefly
- R key function (flash): long press

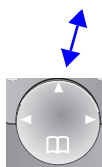


Relationship between control key and softkeys

Softkeys



Control key



The **softkeys** can be used to perform functions, some of which can also be controlled with the **control key**.





The **control key** page which you must select is shown with the following symbols in the operating manual:

 /  (left/right)

 /  (up/down)








Functions of the control key

The control key has different functions in different situations.

Control key	On standby	In lists and menus	In an input field
		Up	Cursor one line up
	Open PhoneBook	Down	Cursor one line down
	Activate menu	Select entry (OK)	Cursor right
	Dialling internal subscribers	One menu level back (cancel)	Cursor left

Display symbols

Depending on the situation you will see the following symbols above the softkeys:

Symbol	Meaning
	Menu key: On standby, opens the general menu. During a call, opens a context-sensitive menu.
	Confirm and select menu function, end input and store.
	Delete key (backspace): Deletes entries from right to left.
	Last number redial: Opens a list of the last five numbers called.
	Shown only in the connection status for dialling an internal user.
	Shown only in the connection status for new messages to answering machines, the T-net box, in the caller list and the SMS list.
	One menu level back, cancel (locally and in the connection status)

Navigating the menus to set the hands-free volume












-   or press right softkey .
-  Scroll down to **Sound Settings**.
-  or  Select **Sound Settings**.
-  or  Select **Handset Volume**.
-  or  Set the volume you prefer.
-  Save the volume.

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Dear Customer,

We value your opinion.

Please take a few moments to complete the questionnaire at the following Internet address:

<http://www.siemens.com/customersurvey>

All participants will be entered in a draw for 5000 Euros' worth of Siemens cordless and mobile telephones.

The closing date for the draw is 31 August 2002.

Thank you for your co-operation!

Installation

Contents of packaging

- 1 base station
- 1 mains connection cable with a plug-in power supply unit
- 1 ISDN connection cable
- 1 USB cable
- 1 wall mounting
- 1 operating instructions
- 1 CD-ROM "talk&surf 5.1"

Gigaset 4170/4175isdh Comfort also includes:

- 1 Gigaset 4000 Comfort telephone
- 1 Gigaset 4000 L telephone charger

Installation notes

- A 220/230Vac mains socket and an ISDN telephone socket must be available at the installation site.
- For optimum reception, it should be installed in the most central location possible.
- The installation site should not be located in the immediate vicinity of other devices such as stereo systems, televisions, office equipment or micro-waves, as this could result in interference. Minimum distance (including distance from power supply for the base station): 1.5 metres
In the event of image and sound interference in the case of satellite receivers, please contact your specialist outlet in order to have your satellite receiver checked for screening defects.
- Avoid direct contact with direct heat sources (e.g. radiators).
- Do not expose the base station to direct sunlight.
- With the wall mounting supplied, the base station is suitable for wall mounting.
- The maximum outdoor range between the base station and the handset is 300 m. A range of up to 50 m can be achieved indoors.
- If wall mounting is not required, simply stand the base station on a level, non-slip surface. The device feet do not normally leave marks on the installation surface. However, due to the variety of varnishes and polishes in use, marks could be left at the points of contact.

Step by Step

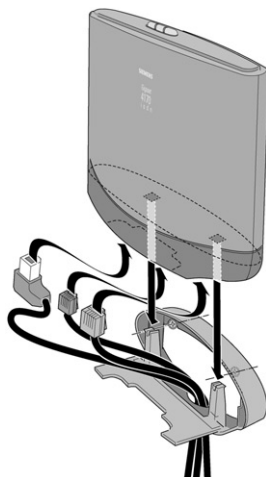
Use as a desktop unit

Your Gigaset 4170/4175isdn can be used as a desktop unit with a small footprint. Before connecting the base station, please comply with the installation instructions (see page 11).

Fitting the base station as a wall-mounted unit

Before mounting the base station, please comply with the installation instructions (see page 11).

1. Drill two holes (Ø 5 mm) 80 mm apart in the wall.
2. Use suitable dowels.
3. Screw in two round-head screws (Ø 4mm). Before installing the wall mounting and tightening the screws, starting from the end, thread the mains connection cable through the mounting. Ensure that the mains connection cable is left free in the recess to the back of mounting.
4. Now insert the mains connection cable into the base station (see Connecting the base station).
5. From above, gently press the base station vertically downwards onto the wall mounting tab.



Step
by
Step

Connecting the base station

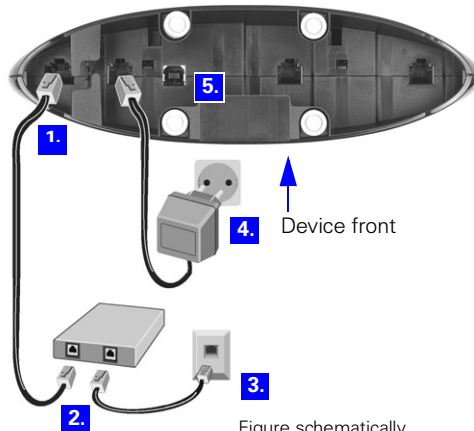


Figure schematically

1. S₀ socket: insert in the ISDN connection cable until the plug locks into place.
2. Insert in the ISDN connection cable in the ISDN socket until the plug locks into place.
3. In the case of NTBA with self-assembly, insert the cable between the NTBA and the Mini-Western socket until both plugs lock into place.
4. socket: Insert mains connection cable until the plug locks into place, and insert in the socket.



Only the **plug-in power supply unit provided** should be used (see underside of base station).

For PC connection only:

5. Insert the USB connection cable into the base station, but **do not connect to the PC yet**. Do not connect the USB connection cable until prompted to do so by the PC program's *talk&surf Assistant* on the PC.

Info**Power failure:**

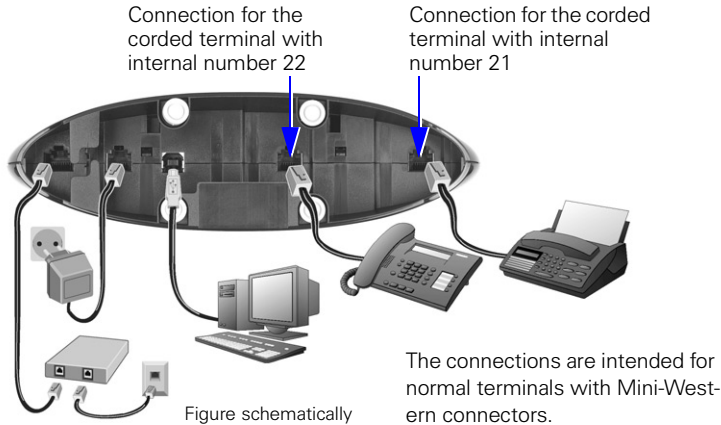
In the event of a power failure, your base station, the handsets which are registered at it and any corded terminals are **not** operational. All settings and saved information (messages, directory entries) are retained for an unlimited period.

Profiset talk&surf:

It is **not possible** to install Profiset talk&surf and Gigaset talk&surf simultaneously on the same PC. Otherwise, problems will occur as both programs attempt to access the same interface. You must therefore choose **either** Gigaset talk&surf **or** Profiset talk&surf. When upgrading, the old program version must first be uninstalled.

Step
by
Step

Connecting supplementary devices



Step by Step

Configuring and using the base station

To configure the base station, you need a Gigaset 4000/3000/2000 series comfort handset (Comfort/Micro) or a PC (Windows 98, Windows ME, Windows 2000).

This operating manual sets out the instructions for use for the Gigaset 4000 Comfort/Micro.

Using the handsets















The handsets listed in the following table can be registered with the Gigaset 4170/4175isdn.

Full functionality is available with the Gigaset 4000 Comfort and Gigaset 4000 Micro handsets.

Functionality is partially limited in the case of the Gigaset 4000 Classic, Gigaset 3000, Gigaset 2000 and Gigaset 1000 handsets.

Handset	Operated in the same way as:
Gigaset 4000 Comfort	Gigaset 4000 Comfort
Gigaset 3000 MOBILE	Gigaset 3000 Comfort
Gigaset 3000 Comfort	
Gigaset 3000 Micro	
Gigaset 2000 pocket	
Gigaset 2000 C/T	
Gigaset 3000 Classic	Gigaset 3000 Classic
Gigaset 4000 Classic	GAP devices
Gigaset 2000 S	
Gigaset 1000 C/S/TAE	

Comparison between the features of the Comfort 4000 and 3000/2000 handsets

Description	4000	3000/2000
Face up		 (Softkey)
Face down		 (Softkey)
Up one menu level		 (Softkey)
Select entry		 (Softkey)
Open telephone book		 (Key)
Select internal call party		 (Softkey)
Open menu		 (Key)

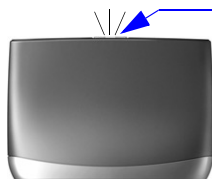
Step by Step

Info

Registering handsets




If you wish to use the Gigaset t400 0Classic, Gigaset t2000S, Gigaset t1000 series handsets or handsets made by other manufacturers please register them first.

You can register a maximum of 8 wireless devices (handsets, data boxes, wireless TAEs and SimPADs).



The illuminated registration key is pressed


Registering the Gigaset 4000 Comfort/Micro handset

- 1.** Switch on handset; to do this press and **hold down** the  key.
 - 2.** Accept the new handset *Register?* by selecting [OK] on the handset;
 - or **2.** Existing handset:  is pressed → *Settings* → *Register H/Set* → *Base 1 - Base 4* select a base station and confirm by selecting [OK].
 - 3.** Enter the base station's system PIN (factory default: 0000) and select [OK] to confirm.
 - 4.** Press the illuminated registration key on the base station, the key flashes. The base station only remains in registration mode while the key is flashing.
 - 5.** Select any available internal number (11-18) by pressing [] and select [OK] to confirm.
- The display confirms that registration was successful.

Registering the Gigaset 4000 Classic handset





Info

You can register a maximum of four Gigaset 4000 Classic handsets. Register these first.






- 1.** Press the illuminated registration key on the base station, the key flashes. The base station only remains in registration mode while the key is flashing.
 - 2.** Switch on the handset; to do this press and **hold down** the  key.
 - 3.** *Register?* is pressed [YES] to confirm the entry.
 - 4.** Enter the base station's system PIN (factory default: 0000) and select [OK] to confirm.
- The handset is registered.
- With registration, the next available internal number is automatically assigned to the handset.

Step by Step





Registering the Gigaset 3000 Comfort/Micro handset

1. Switch on handset; to do this press and **hold down** the  key
2. Accept the new handset *Register?* by selecting [OK] on the handset;
- or 2. Existing handset:  is pressed → *Base settings* → *Base 1 - 4* select a base station,  press and → *Register* is selected and [OK] is pressed to confirm.
3. Enter the base station's system PIN (factory default: 0000) and select [OK] to confirm.
4. Press the illuminated registration key on the base station, the key flashes. The base station only remains in registration mode while the key is flashing.
5. Select any available internal number (11-18) by pressing [>] and select [OK] to confirm.
The display confirms that registration was successful.

Registering the Gigaset 3000 Classic handset

1. Switch on handset; to do this press and **hold down** the  key
2.    are pressed in sequence.
3. Enter the base station number - generally 1 - and select [OK] to confirm. The  symbol flashes and then remains permanently on when the connection with the base station has been set up.
4. Enter the base station's PIN (factory default: 0000) and select [OK] to confirm.
5. Press the illuminated registration key on the base station, the key flashes regularly.
6. Enter available internal number (11-18) ; the handset is then successfully registered (the ready signal stops flashing).

Registering the Gigaset 2000 C handset

1. Switch on handset .
2.  is pressed → *H/Set Settings* → *Register* → *Base 1 - 6* select a base station,  is pressed and → *Register* is selected and confirmed by pressing [OK].
3. Enter the base station's system PIN (factory default: 0000) and select [OK] to confirm.
4. Press the illuminated registration key on the base station, the key flashes. The base station only remains in registration mode while the key is flashing.
5. Select any available internal number (11-18) by pressing [>] and select [OK] to confirm.
The display confirms that registration was successful.




Step by Step

Info

For the registration process described below, the following applies:

You may only register a maximum of four other handsets (e.g. Gigaset 2000S, GAP handsets) or wireless devices (e.g. Gigaset 1000 TAE, STA). Register these devices first.

Registering the Gigaset 2000 S handset

1. Handset  (off) is pressed.
2. Press [the number of the base station] and  (on) simultaneously.
3. Enter the system code .
4. Press the illuminated registration key on the base station.
The lowest available internal number is allocated. An available internal number cannot be selected.

Registering the Gigaset 1000 C/S handset

For the registration process, please refer to the relevant operating manuals.

To register the Gigaset repeater

An available registration location is not required for a Gigaset repeater designed to increase the handset range. You can register up to 6 Gigaset repeaters with one base station (for a description see Page 76).

Registering GAP handsets made by other manufacturers.





1. Press the green illuminated key on the base station.
2. Prepare the GAP handset for registration (see operating manual for the handset). A connection is set up between the base station and the GAP handset. The lowest available internal number is allocated to the GAP handset. An available internal number cannot be selected by the GAP handset.

Info

The display information depends on the GAP handset in question because the base station does not transmit display data to the GAP handset.

De-registering a device

A wireless device can be de-registered with any Comfort 4000/3000/2000 handset. Any devices still registered retain their former internal numbers.

1.  or  is pressed to see the menus.
2. Press [] and [OK] to select: *Service Set Up* or *Base Settings* → *Settings* → *Setup user* → *De-register*.
3. List of internal numbers is displayed.
Press [] to select: *(internal number required)*.
4. [OK] is pressed; the device is de-registered along with the internal number.

Getting into the ISDN world is easy*

What is an MSN?

MSN stands for multiple subscriber number. You can apply for a maximum of ten different telephone numbers for the ISDN multiple device connection. An MSN is one of the telephone numbers assigned to you **without** the area code.

Configuring Gigaset 4170/4175isdn and MSNs

Your telephone system in the Gigaset 4170/4175isdn uses the MSN specifically according to your requirements. In this regard, the following distinctions are made:

- Incoming MSN. This is the number that can also be answered by one of the three answering machines in the case of incoming calls to specific internal numbers or in the case of Gigaset 4175isdn.
- Outgoing MSN. This is the number an internal subscriber places before the number he is dialling when making outgoing calls; it is then also used by the network provider to calculate charges.
- In addition to the above options you can also set the required MSN for the next outgoing call on the Comfort handset.

Possible internal subscribers are:

- 11-18 Handsets
- 21, 22 Corded analog devices
- 40 PC via USB connection*
- 41- 48 Cordless PC via Gigaset M101 Data or Gigaset M105 Data*
- 91- 93 Integrated answering machine (AM) 91 = AM 1, 92 = AM 2, 93 = AM 3 (Gigaset 4175isdn only)

* The numbers 40 - 48 are assigned automatically

An example: five MSNs were applied for; two for business use, a fax number and two for personal use.

Use	Incoming MSN	Where does it ring?	Answering machine	Outgoing MSN	Set MSN for next call
business	11111	11, 12, 91	1	11111	22222
	22222	11, 12, 91	1	11111	22222
Fax	33333	21	-	33333	—

* The ISDN functions described in the user guide are dependent on the country and network provider.

Step
by
Step

Use	Incoming MSN	Where does it ring?	Answering machine	Outgoing MSN	Set MSN for next call
Personal	44444	13, 92	2	44444	—
	55555	14, 92	2	55555	—

You can use the [MSN next call](#) feature by allocating two MSNs to the handsets 11 and 12 and switch to the MSN 22222 for this dialling procedure in the process. This is not possible for handsets 13 and 14 as an alternative MSN was not set up.

Answering machine (AM) 1 was allocated to business use and AM 2 to personal use.

Ring delay per incoming MSN


Using the ring delay feature you can configure a handset for each individual incoming MSN to delay response to the call signal. However, during this ring delay time the Comfort handset can accept the call using the "call pickup" function without a call signal queuing. When this feature is being configured, the time allowed by the answering machine for recording a message (default: [Automatic 2/4](#)) must be taken into account. When the ring delay that has been set is higher than the setting on the active AM, there is no call signal as the answering machine accepts the call beforehand. Setting ring delay see page 32.

The Installation Assistant


The Installation Assistant can be called up any time to help you set the most important functions. The following settings can be completed in sequence:

- Date and time.
- Show/hide answering machine 1...3 (can only be queried with the Gigaset 4175isdn).
- Determining/entering MSNs
 - To determine MSNs (can only be queried if an MSN has not yet been entered).
 - Enter own number (MSNs = your telephone numbers) without a prefix.
- Device type (e.g. telephone, fax).
- Set incoming MSN = call allocation of subscribers to a telephone number.
- Set outgoing MSN = own telephone number given externally - can be set individually for each terminal.
- Exchange code (when used with a telephone system).
- Exchange code (with installation behind a PABX)

Starting the Installation Assistant

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Installation*.
3. Confirm the prompt for starting the Installation Assistant with [YES].

Entering the date and time

1. Confirm the prompt for entering the time with [YES].
2. Enter the date in the format "- - . - - . - -" (day, month, year) and the time in the format "- - : - -" (hour, minute) and confirm with [.
3. Select using [**↓**] and [OK]: *Save entry*.

Hiding answering machines

If you want to operate only one answering machine on your line (e.g. AM1), you can use this procedure to hide the other AMs in all displays and menus. If there are still old or new messages on an AM which you want to hide, you will be informed of this during the procedure.

1. Confirm that you want to hide the current AM with [YES].
2. If appropriate, hide the next AM.

Finding your own numbers (MSNs)

The network provider will have notified you of your MSNs when they sent you the order confirmation for your ISDN line. Provided the connection permits it, these numbers can be requested from the central office und entered and displayed by Gigaset 4170/4175isdn.




1. Confirm the prompt *Find own numbers (MSN)?* by selecting [YES].
If the display shows a positive answer (e.g. "3 numbers (MSNs) found") and you do not want to enter any names for the MSNs, you can skip the following procedure with [NO].

Step by Step

If this function is not supported by the service provider, the MSNs must be entered manually; see next chapter.

Enter own numbers (MSNs) and name for the MSNs.




You can store up to 10 numbers. For easier identification, you can enter a name for each number.

1. Confirm the prompt for entering the call number with [YES].
2. Confirm the prompt for entering the first MSN with [YES].
3. Enter the name and with  move to Change call number, if required enter or change call number and confirm with .
4. Select using [>] and [OK]: *Save entry*.

You are prompted for the next MSN.

Setting the device type




The factory default for the TAE connections is *Telephone*. This means that even without the handset, the base station is already in its standby state with a telephone (with tone dialling/DTMF) connected to *Intern 21* or *Intern 22*. If you wish to connect to another analog device (e.g. fax machine), the device type must be changed (see page 74).

1. Select [YES] to confirm the prompt for setting the device type.
2. Select [YES] to confirm the prompt for the internal party.
3. Press [>] and [OK] to select: *(device type)*.
To confirm, press .
4. To end the procedure select .

Allocations for further internal parties are offered.

Setting incoming MSNs

The number is used to call your handset/terminal. You can assign several MSNs.

1. To confirm the incoming MSN prompt, select [YES].
2. To confirm the allocation prompt select [YES].
- or 2. To move to the next internal number, select [NO].
3. Press [>] and [OK] to select: *(one or more MSNs)*.
To confirm, press .
4. To end the procedure select .

Allocations for further internal parties are offered.

Step by Step

Setting outgoing MSNs

This number can be used to make an outgoing call. This number is transmitted to the called party and the service provider charges the call costs to this MSN. You can only assign one outgoing MSN to each handset/terminal.

1. To confirm the outgoing MSN prompt, select [YES].
2. To confirm the allocation prompt select [YES].
- or 2. To move to the next internal number, select [NO].
3. Press [↓] and [OK] to select: *(one MSN)*.
To confirm, press [↵].
4. To end the procedure select [↵].
Allocations for further internal parties are offered.

Operation using a telephone system

If you are connecting your base station to a telephone system:

1. Select [YES] in response to the telephone system prompt.
2. Select [YES] to confirm the prefix prompt (exchange code).
3. Enter prefix and select [E+] to confirm.
4. Press [↓] and [OK] to select: *Save entry*.




Installation is completed with the help of the installation assistant.

Configuring ISDN call numbers (MSNs)

Your ISDN connection provides you with two telephone lines that you can use simultaneously. You can configure up to 10 own call numbers (MSNs) at your base station. You can also use some call numbers for additional devices on the ISDN connection (S₀ bus). If you did not use the Installation Assistant (see page 21) to store all the call numbers, you can do this now. **All these call numbers stored subsequently are automatically assigned to all the registered handsets.**

Set up numbers (MSNs)

Each newly assigned MSN is automatically assigned its own ringer melody. This setting enables you to change the type of melody.

1. Press  for selection menus.
 2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Set up MSN*.
 3. Select using [↓] and : *(required MSN)*.
 4. Select using [↓] and [OK]: *Edit entry*.
- In this menu, you also have the option of setting another ringer melody and of deleting or displaying the entry.
5. Enter new **or** modified MSN and/or names and confirm with .
 6. Select using [↓] and [OK]: *Save entry*.



Assigning call numbers (MSNs)

Specific own call numbers (MSNs) can be assigned to registered devices. In this way you can define

- the call number under which a registered terminal will ring (incoming MSN) and
- the call number from which an internal subscriber should dial (outgoing MSN). You can set one outgoing MSN for each internal subscriber. This MSN is displayed to the called party and any call charges incurred are assigned to the appropriate subscriber.

Assigning an incoming MSN

A newly registered handset will ring under all configured call numbers. If you want to assign a specific incoming MSN to the handset:



1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using [↓] and : *(required internal subscriber)*.
4. Select using [↓] and [OK]: *Receive MSN* → *(relevant MSN)*.

Info

With regard to assigning an incoming MSN for an answering machine see page 57.

Step by Step

Assigning an outgoing MSN




1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using [↓] and : *(required internal subscriber)*.
4. Select using [↓] and [OK]: *Send MSN* → *(required MSN)*.

System settings

The abbreviations in brackets after the titles stand for the corresponding ISDN feature. Some features can only be used if enabled by the provider (additional charge).

Changing the names for internal subscribers

With the factory default, the names *Int.11*, *Int.12* etc. are allocated to all the internal numbers in accordance with their numbering. These entries may be changed to suit your requirements.

1.  is pressed for menus.
 2. Press [↓] and [OK] to select: *Base Settings* → *Settings* → *Setup user* → *Setup device* → (required internal no.) →  → *Name*.
 3. Change the name and select  to confirm.
 4. Press [↓] and [OK] to select: *Save entry*.
- The name is now displayed in the internal list and also when an internal call is made from this internal no.

Info

Since the names are stored in the base station, another name may be assigned to a handset when registering with another base station. In this way it is possible to identify the base station to which the handset is currently connected.

Call waiting - activating/deactivating CW

This feature can be set up separately for each subscriber. When call waiting is activated, the caller hears the on-hook signal if you are already conducting a call.

If call waiting is deactivated, the caller hears the ring tone if you are already conducting a call and additional devices are assigned to this MSN.

If call waiting is deactivated, the caller hears the busy signal if you are already conducting a call, and are either the only user assigned this MSN, or if the feature Busy signal when MSN is engaged (Busy on Busy) see page 27 has been activated.





1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device* → (required internal subscriber) →  → *Call waiting*

Step by Step

Rejecting calls for entire MSN group

You have the option of rejecting an external call, not only to your handset, but also for all the members of an MSN group. By pressing [REJECT] the caller will receive a busy signal instead of the ringing tone. The entire group will no longer be called. During a call, a "call waiting" may also be rejected. The call is picked up in the caller list.

Configuring "reject" for the entire MSN group





1. Press  for selection menus.
2. Select using [] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Reject all*.
3. Select using [] and [OK].
The selection is confirmed with .

Busy signal when MSN is engaged (Busy on Busy)

With this setting, callers immediately hear the busy signal if a call is currently being conducted through this MSN, regardless of the setting *Call waiting*.

Example:

You are currently conducting a call to number 4711. Any caller who dials this number will hear a busy signal.

1. Press  for selection menus.
2. Select using [] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Busy on busy*.
3. Select using [] and [OK].
The selection is confirmed with .

Setting external/internal enquiry calls




You can set your telephone so that:

- when conducting an enquiry with an external subscriber arising from an external call, the original caller is held in the central office so that your second ISDN line remains free
- when conducting an enquiry with an external subscriber arising from an external call, the original caller is held in the base station which means that both ISDN lines are busy (see also "Configuring music-on-hold" on page 28)

Info

If *Int. enq. call* is set and the second B channel is in use, calls are automatically placed on hold in the central office.

The default setting is *Ext. enq. call*.

1. Press  for selection menus.
 2. Select using [] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Int. enq. call* → (✓ in front of menu item = ON / no = OFF).
- or
2. Select using [] and [OK]: *Base Settings* Æ *Settings* Æ *ISDN settings* Æ *Ext. enq. call* Æ (✓ in front of menu item = ON / no = OFF).
 3. Confirm with [OK].

Step by Step

Call beats data

If an incoming call is made when the *Call beats data* function is activated and if both B-channels are seized owing to channel bundling, for example, then a B-channel is split. The incoming call can be picked up and the Internet connection is maintained with one channel.

Info

If you have activated the *Call beats data* function while at the same time surfing the Internet with two separate RDT connections (e.g. with two PCs), one of the two connections is immediately disconnected in the event of an incoming call.

Factory default: *Call beats data* is not activated.

1.

 is pressed for menus.

2.

Press [**↓**] and [OK] to select: *Base Settings* → *Settings* → *ISDN settings* → *Call beats data* → (✓ before menu item = ON / none = OFF).

Configuring music-on-hold

The caller hears music-on-hold when put on hold by the base station rather than the exchange (e.g. in the case of internal transfer). You should also note the section on "Setting external/internal enquiry calls" on page 25. The following settings can be selected:

Internal	The party on hold hears the base station's music on hold .
External	In this case, the music on hold is played by an external device. An analog connection must also be configured as external music on hold. If an analog connection has not been configured, the External setting (through the analog connection) is not offered. Please contact your specialist outlet to find out about adapters for playing music on hold.
Off	If the music on hold is not activated, no settings can be made.

1.

Press  for selection menus.

2.

Select using [**↓**] and [OK]: *Base Settings* → *Settings* → *System settings* → *Music on hold*.

3.

Select using [**↓**] and [OK]: required type.

Step by Step

Answering machine - activating/deactivating automatic call pickup

By default, automatic AM call pickup is activated.

Info

Calls can only be picked up automatically if automatic monitoring has not been activated for any other handset.

If automatic call pickup is activated, you can pick up a call from an answering machine (during announcement or message recording) directly by pressing the talk key (mobile station) or by lifting the handset (corded phone).

However, it is possible to initiate a new call while the answering machine is active without deactivating the recording process (provided the second line is free).

1. Press for selection menus.
2. Select using [] and [OK]: *Base Settings* → *Settings* → *System settings* → *AM auto. pickup* → (✓ before menu item = ON / no = OFF).
3. Confirm with [OK].

Audio settings

With this setting you can define a ringer melody for each MSN, valid for all called handsets.

Info

The ringer melody cannot be set on the handset itself. Depending on the MSN Mcalled, the base station assigns a ringer melody to a handset.

Assigning a ringer melody to an MSN

Each newly assigned MSN is automatically assigned its own ringer melody. This setting enables you to change the type of melody.

1. Press for selection menus.
2. Select using [] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Set up MSN*.
3. Select using [] and []: (required MSN).
4. Select using [] and [OK]: *Ringer melody*.
5. Select a melody from 1 to 10 using [] or [] and confirm with [OK].

Changing long-distance codes

The long-distance codes are the first digits in the prefix for dialling another city (national) or country (international).

Default settings:

- 0 for connections to other local networks (national)
- 00 for connections to other countries (international)

If the long-distance codes are different in your country you need to change the settings. Otherwise you will not be able to use the callback function for all calls in the missed calls list.

1. Press for selection menus.
2. Select using [] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Lg.-dist. code*.
3. Select using [] and []: (national or international).
4. Select using [] and [OK]: *Change number*.
5. Enter the new or changed code and confirm with [].
6. Select using [] and [OK]: *Save entry*.

Step by Step



Restoring the factory setting

You can choose the settings that are to be restored:

- *Operational* – All MSNs and prefixes (exchange codes) are deleted and the AM PIN (for Gigaset 4175isdn only) is set to 0000.
- *Reset all* – All functions are reset to the default settings. The system PIN is reset to "0000". All entries (missed calls list, costs) are deleted.

Info

For both functions: Before resetting, you must deactivate all active call forwarding settings. Remote control of the answering machine is disabled. The handsets remain registered.

1. Press  for selection menus.
2. Select using [>] and [OK]: *Base Settings* → *Settings* → *System settings* → *Spec. function* → *Factory setting*.
3. Confirm with [OK].
4. Enter the system PIN and confirm with [OK].
5. *Operational* is displayed. Confirm with [OK].

Acknowledge the message

Settings
reset

and wait for the confirmation tone.

- or
5. Select using [>] *Reset all* and confirm with [OK].



6. Answer [YES] to the question
Reset
factory
defaults?

Confirm the message *Reset all* and wait for the confirmation tone.

Querying the status

You can query the status of the following settings:

- Callback
- Withhold no.
- Call forwarding
- Ext.occupations
- AB1, AB2, AB3

1. Press  for selection menus.
2. Select using [>] and [OK]: *Base Settings* → *Status*
3. Press [OK] to open the status list
(✓ before an item = system function active).

Step
by
Step

Making calls using comfort features

The availability of some of the functions described here depends on the service provider.

Making internal calls free of charge

If you have several handsets or supplementary devices, you can make internal calls free of charge.

1. Press .

Your internal call number is displayed.

2. Enter the number of the internal subscriber required.

Possible subscribers include:

11-18 Handsets

21, 22 Corded devices

91-93 Integrated answering machine (Gigaset 4175isdn only)

or 2. Press [LIST].


3. Select using [↓] and [OK]: *(required internal subscriber)*.
The internal subscriber is called.

Collective call/Group call

You can make a collective call from any handset to all registered internal subscribers.

Configuring internal collective call groups

In the basic configuration, all registered subscribers of the "Telephone" or "Neutral" device type are configured in the collective call group.


1. Press  for selection menus.

2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.

3. Select using [↓] and [F5]: *(required internal subscriber)*.

4. Select using [↓] and [OK]: *Hunt group* (✓ in front of menu item = ON / no = OFF).

Starting a collective call to all internal subscribers

1.  → [LIST].

2. Select using [↓] and [OK]: *Collective call*.

or 1. .

2. Press .

All available internal subscribers are called. You are connected to the first internal subscriber who answers the call.

Step by Step

Ring delay

Using the ring delay feature you can configure a handset for each individual incoming MSN to delay response to the call signal. However, during this ring delay time the handset can accept the call using the *Accept?* function without a call signal queuing. When this feature is being configured, the time allowed by the answering machine for recording a message (default: *Automatic 2/4*) must be taken into account. When the ring delay that has been set is higher than the setting on the active answering machine, there is no call signal as the answering machine accepts the call beforehand.

Setting ring delay

1. Press for selection menus.
2. Select using and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using and : (required internal subscriber).
4. Select using and [OK]: *Ring delay*.
5. Select using and : (required MSN).
6. Set *No. of rings* using -], = off.

Picking up calls during ring delay

1. A call is coming through to the assigned MSN.
 2. Press the key, the following appears in the display: *Accept?*
 3. Press [YES] . You can then answer the call.
- or
3. Press [NO] . You can set up your own external or internal call.

Conducting calls with more than one subscriber

Internal enquiry call

You would like to call an internal subscriber during an external call.

1. Press and enter the call number for the second subscriber.
A connection is established with the internal subscriber.
- or
1. → [LIST].
 2. Select using and [OK]: (required internal subscriber).
A connection is established with the internal subscriber.
If the internal subscriber dialled is busy:
 3. Press [BACK]: You are reconnected with the external caller.
The internal subscriber answers the call:
- or
3. Toggling: you can switch between call parties with and .
- or
3. Three-way calling: press [CONF]. This establishes the conference circuit.



Step by Step

Toggle

By toggling, you switch from the active (1st call) to the inactive (2nd call) connection. The first call remains connected.

1. To switch between called parties, select  and  or  and .

Ending an enquiry call/toggle

1. Press  for the menu.
2. Select using  and [OK]: *End*.

You are reconnected with the subscriber on hold.

Conference circuit

A conference circuit enables you to talk to two parties at the same time. These can either comprise two external subscribers, or one external and one internal subscriber.

Setting up three way calling

You are conducting an enquiry call. The first subscriber is put on hold.

1. Press [CONF]: This establishes the conference circuit.



Ending three-way calling

You are conducting three-way calling.

1. Press [INDIV.]: The conference call is terminated. The connection which was active immediately before three-way calling was set up is reestablished as the active connection. The other subscriber is put on hold once more.



Setting up an external enquiry call

You would like to call an internal subscriber during an external call; To set, see:

1. Press  for the menu.
2. Select using  and [OK]: *Enquiry call*.
3. Enter the call number for the second subscriber.

Ending an external enquiry call





You are conducting an enquiry call which you would like to end:

1. Press  for the menu.
2. Select using  and [OK]: *End*.

Transferring calls on/before answer – ECT (Explicit Call Transfer)

ECT is currently only supported behind PABXs. To activate/deactivate call transfer, see Page 24 .




You are conducting an external call which you would like to transfer to another external subscriber.

1. Press  for the menu.
2. Select using  and [OK]: *Enquiry call*.
3. Enter the call number to which the call is to be transferred.
4. Replace the handset: press .
- or 4. Conduct the enquiry call.
5. Replace the handset: press .


Step by Step

Entering numbers in the telephone directory

During a call, you can enter the number of the other party in the telephone directory, or add his/her name and then call them from the telephone directory.

1. Press  for the menu.
2. Select using [] and [OK]: *Copy to dir.*
3. Enter name.
4. Select [] and [OK] to store:

Picking up a call while the answering machine is operating



Calls can be picked up even if an answering machine has switched itself on (AM symbol  flashes), is playing your announcement or recording a message. Once you pick up, the recording process is stopped.

Direct call pickup can be deactivated (see page 29) so that you can make outgoing calls even while the answering machine is switched on.

Automatic call pickup activated (default)

1. Press  or , and answer the call.

Automatic call pickup deactivated

1. Press  or .
2. Press [OPLIST].
3. Press [ACCEPT] and answer the call.

Info

In order to pick up a call, the same incoming MSN must have been allocated to the answering machine and the internal user picking up the call, and another user must not be monitoring calls automatically on another handset.

Rejecting calls

You receive a call or you are conducting a call and receive a second call. The call is signalled acoustically and displayed for all members of this MSN group.

Depending on the setting, either your own handset* or that of the entire MSN group will be rejected.

Setting up see pag e25.

Rejecting calls


You are conducting a call and receive a second call at the same MSN.

1. Press the softkey: [REJECT].

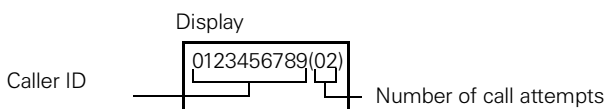
* The call is only disconnected for this user, the other users in the call group remain connected.

**Step
by
Step**


Missed calls list







Call numbers (max. 32 digits) of calls which you do not answer ("Missed calls" list with number of call attempts) or which you answer ("Answered calls" list), are saved together with the date and time. If the numbers are included in the telephone directory of the handset, the caller's name is displayed. Calls made with the calling line identification restriction set are indicated as "unknown" in the "Missed calls" list and are not shown in the "Answered calls" list. New entries in the calls list are indicated by flashing of the status LED and by a text message in the display (note: this also applies to new messages on the answering machines). In the connected state the  sign also appears.

Each of the two lists can contain up to 20 entries. When the list is full, the oldest entry is deleted and the most recent entry is added at the beginning of the list. If you return the call, or if the calling party manages to reach you later on, the entry for this caller is removed from the list.









Dialling from the Calls List using the Message key

On the Gigaset 4000 Comfort, new calls in the missed calls list are indicated by a message on the display and a flashing status LED. Pressing the message button  gives you direct access to new calls.

1. Press .
 2. Select using  and : (required call).
 3. Select using  and [OK]: *Dial number*.
- or
3. Press  (do not confirm the  key first)
The call number is dialled.

Dialling from the Calls List list via the menus



1. Press  for selection menus.
 2. Select using  and [OK]: *Base Settings* → *Missed calls*.
- or
2. Select using  and [OK]: *Base Settings* → *Accepted calls*.
 3. Select using  and : (required call).
 4. Select using  and [OK]: *Dial number*.

The call number is dialled. If a call is established in this way the entry is automatically deleted from the relevant *Calls List*.









It is possible to dial from the *Calls List* list before or after the  key is pressed (the menu item *Base Settings* is no longer used).

Step
by
Step

Copying numbers from the Calls List list to the directory

1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Missed calls*.
- or 2. Select using [↓] and [OK]: *Base Settings* → *Accepted calls*.
3. Select using [↓] and : *(required call)*.
4. Select using [↓] and [OK]: *Copy to dir*.


Checking and deleting numbers in a calls list, deleting a list or changing a number.

1. Press  for selection menus.
2. **Displaying an entry:**
Select using [↓] and [OK]: *Base Settings* → *Missed calls* (or → *Accepted calls*) → (desired number)  → *Display entry* and confirm with [OK]. Together with the telephone number, the date and time of the call are also displayed.
- or 2. **Deleting an entry:**
Select using [↓] and [OK]: *Base Settings* → *Missed calls* (or → *Accepted calls*) → (desired number)  → *Delete entry and confirm with [OK]*.
- or 2. **Deleting a list:**
Select using [↓] and [OK]: *Base Settings* → *Missed calls* (or → *Accepted calls*) → (call number)  → *Delete list* and confirm with [OK].
- or 2. **Changing a number:**
Select using [↓] and [OK]: *Base Settings* → *Missed calls* (or → *Accepted calls*) → (desired number)  → *Change number* and confirm with [OK].
3. Change the number by using the softkeys   and by entering digits directly.
4. Press  → *Save entry* and confirm with [OK].

Step
by
Step

Internal call forwarding


Configuring a forwarding destination

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Int. call forw.* → *Forward. dest.* → *(required internal subscriber)*.

Only one forwarding destination can be selected for internal call forwarding.


Activating/deactivating internal call forwarding

Internal call forwarding can only be activated if a forwarding destination extension has been configured.

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Int. call forw.* → *Activate?* or *Deactivate?*

Defining the number of ring cycles

Ring delay is used to define the number of ring cycles to be completed before a call is forwarded. Between 0 to 9 ring cycles can be configured.


1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Int. call forw.* → *No. of rings*.
3. Enter the number of ring cycles and confirm with [OK].

External call forwarding - CF


If call forwarding is configured, it is activated at the provider exchange. Both telephone lines assigned to your ISDN connection are free during call forwarding. You must pay the connection costs together with a surcharge. You can define the following conditions for call forwarding:

Immediately — On busy — On no reply

Configuring a new call forwarding destination

1. Press  for selection menus.
 2. Select using [**↓**] and [OK]: *Base Settings* → *Ext. call forw.*
 3. Press [**≡+**] to select: *New entry* → *(MSN for which call forwarding should apply)* → *Immediately, On busy* or *On no reply*.
 4. Enter the required destination call number and confirm with [**≡+**].
 5. Select using [**↓**] and [OK]: *Save entry*.
 6. Confirm the prompt with [YES]: Call forwarding is activated.
- or
6. Confirm the prompt with [NO]: Call forwarding is not activated.

Activating/deactivating external call forwarding

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Ext. call forw.*
3. Select using [**↓**] and [**≡+**]: *(required call forwarding)*.
4. Select using [**↓**] and [OK]: *Activate?* or *Deactivate?*

Step by Step

Edit entry

1. Press for selection menus.
 2. Select using [↓] and [OK]: *Base Settings* → *Ext. call forw.*
 3. Select using [↓] and : (*required call forwarding*).
 4. Select using [↓] and [OK]: *Edit entry*.
 5. Enter the required destination call number and confirm with .
 6. Select using [↓] and [OK]: *Save entry*.
 7. Confirm the prompt with [YES]: Call forwarding is activated.
- or
7. Confirm the prompt with [NO]: Call forwarding is not activated.

Deleting external call forwarding

1. Press for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Ext. call forw.*
3. Select using [↓] and : (*required call forwarding*).
4. Select using [↓] and [OK]: *Delete entry*.

Switching internal/external call forwarding

Calls can be forwarded by the base station (internal) or by the provider (external). In the case of internal call forwarding, the second B- channel is used.

1. Press for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Int. call forw.* or *Ext. call forw.*

Transferring incoming calls - CD (Call Deflection)

With CD you can transfer an incoming call to another call number while it is ringing. You do not need to answer the call, see also pa ge42.

Transferring incoming external calls manually

You receive an external call.

1. Press for the menu.
2. Select using [↓] and [OK]: *Forward* → (*predefined forwarding destination*).

As well as using a predefined forwarding destination, you can also select a call number from the directory or enter a new number.

Predefining the forwarding destination

You can define a forwarding destination for incoming calls. This destination call number is offered as a preset in the case of manual transfer.

1. Press for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Forward. dest.*
3. Enter the call number for the call forwarding destination and confirm with .
4. Select using [↓] and [OK]: *Save entry*.

**Step
by
Step**

Automatic external callback

on busy – CCBS

If the called party is currently in a call you can initiate automatic callback. This will save you having to dial again and again.

On no reply – CCNR


If the called party does not answer you can initiate automatic callback. As soon as the other party is free again you will receive the callback. This feature must be supported by the central office. The callback order will be automatically cancelled after about two hours (depending on the central office).

Activating callback

1. To activate callback confirm the softkey [CALLBACK].
2. Wait for confirmation from central office.

Accepting a callback

The handset rings with a specific ring tone and the callback number is shown on the display.


1. Press : the connection is established.

Deleting a callback

The handset rings and the callback number is shown on the display.

1. Confirm [DELETE]. The callback is deleted.

Checking or deleting the callback number

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Status* → *Callback*.

The current callback number is shown on the display.

3. Confirm [BACK]. The callback remains active.
- or 3. Confirm [DELETE]. The callback is deleted.

Step by Step

Call waiting - CW


Call waiting - activating/deactivating CW see page 24.

Accepting/rejecting external call waiting

You hear the call waiting tone during your call (internal or external).


- 1.** Confirm [ACCEPT]. You accept the waiting call and the first call is put on hold. Both parties are shown on the display, the current party is highlighted.
- or 1.** Confirm [REJECT]. Reject the waiting call.

Ending an active call

- 1.** Press  for the menu.
- 2.** Confirm with [OK]: *End*.

Forwarding waiting calls internally

You can forward waiting calls internally without taking the call.

- 1.** Press  for the menu.
 - 2.** Select using [\downarrow], *Forward* and [OK]: (*internal subscriber*).
- Continue the active call.


Info

Calls can only be forwarded to internal subscribers who have not been called already.

Holding calls (Call Hold)


Putting external subscribers on hold

You are engaged in an external call.

- 1.** Press [INT]: The external subscriber is put on hold. The waiting external subscriber hears music-on-hold. You can conduct an internal enquiry call.
- 2.** As soon as the internal subscriber ends the enquiry call, [BACK] appears on the display for 10 seconds. Pressing [BACK] reconnects you to the external caller. If this option is not used, the ring tone sounds again after 10 seconds.
- or 2.** To end the internal call, press  for the menu and select [End] followed by [OK]. You are then returned to the external call and the internal subscriber hears the busy tone.

Putting internal subscribers on hold

You are conducting an internal call.




- 1.** Press [CONSULT]: The internal subscriber is put on hold. You can set up an external enquiry call.
- 2.** To end the external call, press  for the menu and select [End] followed by [OK]. You are then returned to the internal call and the external connection is closed.
- or 2.** Three-way calling: press [CONF]. This establishes the conference circuit.

Step by Step

Calling line identification restriction (CLIR)



If you withhold your number from other parties, you can activate the calling line identification restriction. You can set up CLIR for just the next call or permanently. If set up permanently your call number will be suppressed both for outgoing calls (CLIR) and for incoming calls (COLR). This feature must be supported by your provider.

Temporary calling line identification restriction

1. Press  for selection menus.
2. Select using [] and [OK]: *Base Settings* → *Call preparat.* → *Temp.withhold.* (✓ in front of Temp.withhold = ON / no = OFF).
3. Confirm with [OK].
4.  is pressed.

Info After the call, this restriction is lifted. Your number will not be withheld from the next party called. This applies even if you select a number from the redial list.

Permanent calling line identification restriction

1. Press  for selection menus.
2. Select using [] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Withhold no.* (✓ in front of Withhold no. = ON / no = OFF)
3. Confirm with [OK].

Reserving a line

You cannot make external calls when both external lines are being used by other internal subscribers. In this case you can "reserve a line". When an external channel becomes available, the system calls you automatically and you can make external calls again.


Reserving a line

You attempt to set up an external connection but all external lines are busy.

1. Press [CALLBCK].

Accepting a free line

An external line becomes available. A recall is implemented.

1. Lift the handset: Press .
A connection is set up to the provider.
2. Set up the external connection as normal.

Deleting a line reservation




An external line becomes available. A recall is implemented.

1. Press [DELETE].
The external line reservation is deleted.

Step by Step



Set MSN for next call

Even if you have defined individual outgoing MSNs for outgoing calls on handsets you can select a different outgoing MSN for the next call (for example for separate billing)

1. Press  for selection menus.
2. Select using [>] and [OK]: *Base Settings* → *Call preparat.* → *MSN next call*.
3. Select using [>] and [OK] (desired MSN) and confirm.







Info Menu item *MSN next call* is marked. The next call is made with the selected MSN (see page 19).

Seize specific MSNs

If this setting is activated, a list of available MSNs is displayed before each call is made when the talk key  or speaker key  is activated. Even if you have specified an individual outgoing MSN for the handset, before every call you can use it to select specifically an MSN as the outgoing MSN, e.g. for separate recording of costs.

However, further MSNs are only displayed for selection if these have been allocated to the handset as incoming MSNs (see pag e24).

With SMSs you should ensure that the outgoing/incoming MSN corresponds to the number registered with your MSN centre.

1.  is pressed for menus.
2. Press [>] and [OK] to select: *Base Settings* → *Settings* → *Setup user*  *Setup device*.
List of internal numbers entered is displayed.
3. Press [>] and [OK] to select (required internal no.).
4. Press [>] key, → *MSN next call* and [OK]
(✓ before menu item = ON / none = OFF)
5. Press .





Automatic call forwarding due to inaccessible handset

This service can only be used if the CD feature has been activated for your connection. Further information can be obtained from your network provider.

For instance, if your handset is outside the base station range, the battery has run out or the handset is switched off, this feature reroutes all calls to a defined external number.

Prerequisite: You have assigned an exclusive MSN to your handset, (see page 24). This MSN must not be assigned to any other device, even on the ISDN bus.

Enter a number and activating/deactivating automatic call forwarding

1. Press  for selection menus.
2. Select using [>] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Auto.forwarding*.
3. Press [OK]: a list of all MSNs entered is displayed.
4. Select using [>] and [OK] (desired MSN) and enter an external destination number.
5. Press [>] and select *Save entry* followed by [OK]. Automatic call forwarding is now activated. (✓ in front of MSN = *Auto.forwarding* ON, no ✓ = *Auto.forwarding* OFF).

**Step
by
Step**

Tracing switch


The tracing switch is used to identify nuisance or malicious callers. This feature can be requested from your provider only in justified cases.

During or immediately after the call

You have received a malicious call from an anonymous caller. You can activate this function:

During the call or as soon as the caller has terminated the call.



Do not hang up.

1. Press  for selection menus.
2. Select using [↓]: *Identify caller* and press [OK].


The caller and his/her number are identified in the central office and recorded together with the date and time at which the call was made. A printout can be supplied by the network provider at a later point in time.

Parking/continuing calls ("unpark")



You are conducting an external call which you would like to transfer to another telephone at your ISDN connection, for example.

1. Press  for the menu.
2. Select using [↓] and [OK]: *Call park*.
3. Enter a parking number (one or two digits) and confirm with [OK].
4. Press .

Unparking a call before answering

1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Call preparat.* → *Canc. call park*.
3. Enter the parking number assigned previously and confirm with [OK].

"Cancel CallPark" after answering a call

1. Press .
2. Press  for the menu.
3. Select using [↓] and [OK]: *Canc. call park*.
4. Enter the parking number assigned previously and confirm with [OK].

Special functions

Copying telephone directory entries

If you have registered two or more Gigaset 4000/3000/2000 Comfort devices you can copy all or part of the telephone directory from one handset to another. Please read the relevant operating instructions.

Configuring an external destination call number for the room monitor

Using the room monitor function, the Gigaset 4000 and 3000/2000 Comfort handsets can automatically activate a call when a particular noise level is exceeded.

Gigaset 4000 Comfort/Micro






With Gigaset 4000 Comfort handsets, the room monitor number can be input in the handset directly. Both an internal (INT) and an external number can be entered.



For details, please refer to the operating manual for your handset.

Gigaset 3000/2000 Comfort/Micro

With Gigaset G3000/2000 Comfort handsets, the room monitor number can only be entered as an internal (INT) number. In order to activate it externally as well:

- must be entered as the internal number on the handset *INT 99*. For details, please refer to the operating manual for your handset.
- an external destination number called can be entered in the base station as described below.

1. Press  for selection menus.
2. Select using [] and [OK]: *Base Settings* → *Settings* → *System settings* → *Ext.room monit.* → *Dest.call no.* → [] → *Change number*.
3. Enter the number and press [].
4. Select using [] and [OK]: Save entry.


Press [] to return to the starting menu. Alternatively, the  button can be pressed. The option *Ext.room monit.* in the menu *System settings* is now highlighted.

Night service

With the night service feature you can configure timed call forwarding, e.g. to divert calls to a private telephone outside office hours. In the same way as external call forwarding, only MSNs that the relevant handset has configured as an incoming MSN can be forwarded externally. If the night service is already activated, it must be deactivated again in order to alter the forwarding destination.

Step
by
Step

Setting an internal/external Night Service forwarding destination

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Night service* → (required MSN) → *Forward. dest.* → *External, Internal* **or** one of the maximum of 3 answering machines.

The option "Answ. Machine" is only offered with Gigaset 4175isdn. If you select this option all calls are forwarded to one of the three answering machines.


Entering an external destination call number:

3. Enter the external destination call number for night service and press [**≡**].
4. Select with [OK]: *Save entry*.


Entering an internal destination call number:

- or** 3. Select using [**↓**] and [OK]: (required internal subscriber).

Entering an automatic start/end time for night service

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Night service* → (required MSN) → *Start time* **or** *End time*.
3. Enter start time **or** end time and confirm with [**≡**].
4. Select using [**↓**] and [OK]: *Save entry*.

Activating/deactivating all-day night service for Saturday/Sunday

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Night service* → (required MSN) → *Sat/Sun all day*.
3. Press [OK] key, night service is activated. (✓ before *Sat/Sun all day* = ON, none ✓ = OFF).

Activating/deactivating night service

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Night service* → (required MSN) → *Select Activate? or Deactivate?*

Step by Step

Displaying costs and call duration

Call charge display

You can use call charge display if you have registered for this with your provider.


The units/total charges accumulated and the cost of the last call completed can (depending on programming) be checked using your Comfort handset. The total cost includes the charges incurred by the handset. If you do not receive tariff information from your provider the duration of the call will be displayed.

Configuring determination of costs

Check with your provider as to whether the call costs will be transmitted as tariff units or as amounts. You can then set the accounting method accordingly as either *units centr.off.* or *costs centr.off.*

If you have selected *costs centr.off.* but only units have been transmitted by the service provider, the device automatically switches to *units centr.off.* when the call is completed.

Setting up costs centr.off.


1. Press  for the selection menus.
2. Select using [↓] and [OK]: *Costs.*
3. Select using [↓] and [OK]: *Type of calcul.*
4. Select using [↓] and [OK]: *costs centr.off.*

If the item is marked with ✓ the call costs transmitted by the provider will be displayed. No further settings are needed.

Info

If you have also entered a rate (see Section, "Entering the price per unit") the call costs will be multiplied by this rate. You can also use a rate if you want to bill for higher call costs, otherwise disable the rate (the cost display is to be increased by factor 2, for example).

Setting up units centr.off.









1. Press  for the selection menus.
2. Select using [↓] and [OK]: *Costs.*
3. Select using [↓] and [OK]: *Type of calcul.*
4. Select using [↓] and [OK]: *units centr.off.*

If the item is marked, the units transmitted by the provider will be displayed or used to calculate the costs. If the default setting *No rate* is used, the units will be displayed.

Step by Step

Entering the price per unit




Before the charges for each call can be calculated, the currency and price per unit must be defined (the default setting is *No rate*). For determining the costs, *units centr.off.* must be set (default).

1. Press  for the selection menus.
2. Select using  and [OK]: *Costs*.
3. Select using  and [OK]: *Type of calcul.*
4. Select using  and [OK]: *Rate --* (with decimal point) or *Rate —* (without decimal point).
5. Enter the basic price and confirm with .
6. Select using  and [OK]: *Save entry*.
If you would like to set an additional currency:
7. Enter the currency and confirm .
8. Select using  and [OK]: *Save entry*.
If *No rate* was already set a prompt is displayed.
9. Confirm the prompt for accounting method with [YES].

All accounts are reset and the option is highlighted.

Displaying a cost overview




Depending on the setting, call or charge units are displayed for each internal subscriber, for each configured MSN, and for the system as a whole.

1. Press  for the selection menus.
2. Select using  and [OK]: *Costs*.
3. Select using  and [OK]: *Cost overview*.

The accounts for each internal subscriber and for each configured MSN are displayed. The total amount is shown at the start of the list.

Deleting the cost overview total

You are in the cost overview display:




1. Select using  and : *(required cost overview)*.
2. Select using  and [OK]: *Delete amount*.

Info

Totalled and individual costs must be deleted separately. This means that if you delete an MSN total for example, the individual charges incurred remain stored in the handset and must be deleted individually.

Display last call costs

The total costs and the costs for the last call made on this handset can be displayed when the "talk" key is pressed.

1.  is pressed for the menu.
2. Press  and [OK] to select: *Costs* → *Last charge*
(✓ before menu item = ON / none = OFF)
3. Press .

Short messages (SMS)*

With Gigaset 4000 Comfort/Micro handsets you can send and receive short messages (SMS – Short Message Service). For this function, you need an SMS provider.

With the SMS service, you can send an SMS to any connection in the fixed network and, depending on the SMS provider, in mobile networks too. Your SMS can be received as a short message on devices with SMS capability (mobile phone, PC, other telephone). If the party receiving your SMS does not have a telephone with SMS capability, the SMS is sent as voice output.

Incoming SMS messages are stored in the base station. Thus you can read, write or forward your SMS messages on any mobile handset which has the same MSN. If several handsets are in use, only one handset can access SMS messages at any one time.

Requirements

Enquire

- which SMS providers are available.
Use the Internet for your search: Enter the terms "SMS" and "fixed network" in a search engine.
- what charges are levied for sending and, where applicable, receiving an SMS,
- to which mobile phone operators you can send an SMS and from which mobile phone operators you can receive an SMS,
- which functions are offered by your SMS service.

Administering SMS service centres

SMS messages are exchanged through SMS centres. In order to be able to send and receive SMS messages, you need the call number of the SMS centre of your service provider.

You can enter up to 10 SMS centres in your Gigaset 4170/4175isdn.

The meaning of the entries for sending and receiving SMS messages is explained below.

Sending SMS messages

The call number of the SMS centre you want to use for sending SMS messages must be entered and activated in your Gigaset 4175isdn (see section below).

This number will be used automatically for sending all SMS messages. In other words, you can only send SMS messages via this SMS centre.

Receiving SMS messages

In order to be able to receive SMS messages via an SMS centre, you must be registered with this SMS centre. You can register to receive SMS messages with up to 10 SMS centres of different service providers. As soon as you have registered with an SMS centre you will be able to receive SMS messages via this SMS centre. Please find out from the service provider concerned what information you need to send in order to become registered with their SMS centre.

* Not available in each country.

Step by Step


Before you can send an SMS message to register and deregister with any other SMS centre, you must first enter and activate the call number of this SMS centre (see next section).

After registering or deregistering do not forget to reactivate the call number of the SMS centre you want to use for sending SMS messages (see page 49).

Entering, changing or deleting SMS centre numbers.

You can enter up to 10 SMS centres.

Before making or changing an entry, make sure you are fully informed about special conditions and services offered by the SMS service provider.

1. Press  for selection menus.
 2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Service centres* (the list of call numbers appears).
 3. Select using [↓] and [F=]: *<empty>* or existing call number.
 4. Select using [↓] and [OK]: *Edit entry*.
 5. Enter call number and confirm with [F=].
 6. Select using [↓] and [OK]: *Save entry*.
- or
4. Press [↓] and [OK] to select: *Delete entry* SMS centre is deleted.


Info

If you are running your Gigaset 4170/4175isdn on a telephone system, you may have to enter a prefix (exchange code*) before the number, depending on the configuration of your telephone system.

In this case, you should contact the vendor to find out whether your telephone system places the prefix before the number when transmitting the number (CLIP) to the Gigaset 4170/4175isdn. If you cannot obtain any information, you can find out whether or not you need to add a prefix by trial and error, (sending an SMS see page 50).

Activating/de-activating an outgoing SMS centre

The required SMS centre must be activated in order to send SMS messages. In this way, you specify the SMS centre through which the SMS messages are to be sent. SMS messages may be received through all the SMS centres registered provided you have identified yourself as a connection with SMS capability beforehand by following the appropriate registration procedure (see next chapter).

1. Press  for selection menus.
 2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Service centres* (the list of call numbers appears).
 3. Select using [↓] and [F=]: *desired call number*.
 4. Select using [↓] and [OK]: *Serv. centre on?* The display changes to *Send off?* The SMS centre is activated. The call number of the sending centre is marked with ✓.
- or
4. Select using [↓] and [OK]: *Send off?* SMS centre is deactivated.

Info

If you have not activated an outgoing SMS centre, you cannot send any SMS messages, but you can receive SMS messages from all the registered SMS centres.

* The number you use to seize a trunk line, generally "0".

Step by Step

Registering/deregistering with the SMS call centre

In order to receive SMS messages with your Gigaset 4170/4175isdn, you must first register your number with the SMS service provider. To find out what information you need to send for registration/de-registration with the SMS centre, please refer to the information supplied by the relevant service provider.




Info

When registering, please ensure that you register the number (MSN) allocated to the handset as the outgoing MSN with which you will send the SMS. If you also wish to send and receive SMS messages with other outgoing MSNs through other handsets, you must also register these numbers.

Writing, saving and sending SMS messages

An SMS message may not contain more than 160 characters. SMS messages are only automatically saved if transmission is interrupted. If you have written an important SMS message which you want to save, you must save it first, before sending it.

Writing an SMS

1. Press  for selection menus.
2. Select using [] and [OK]: *Text Message*.
3. Select using [] and [OK]: *Write Message*.
4. Entering a short message.

Hi Peter, can't come to
sports today because I have
an appointment with the den-
tist. >|<



Info

Input functions



Controlling the cursor in the text field.
Characters may later be inserted to the right of the cursor.




Deleting characters to the left of the cursor.




1x inserting a **space**.



1x Switching **upper case/lower case** after a space.

5. Press [] to open the menu.

Save SMS (without sending it)

1. Write an SMS as described on page 50.
2. Press  and [OK] to select: *Save Text*

The SMS is saved in the outgoing messages list and can be sent at a later stage.


Send SMS (without saving it)

1. Write an SMS as described on page 50.


Step by Step

2. Press [OK] to select: *Send Text*

3. Enter recipient's number (destination number). Even for the local network, the number must always include the area code (prefix). In the case of numbers with an international prefix, "00" must be entered. Entering "+" is not permitted.

or 3. Press  to open the menu and then press [**↓**] and [OK] to select: *No.from dir.*

Select the required entry and press [OK] to confirm. The number is accepted. If you have stored this number with a prefix in your telephone book, it must be deleted to send an SMS.

4. Press  to open the menu.

5. Press [OK] to select: Press *Send* and .

SMS is transmitted, the SMS centre automatically inserts your connection number as the source address.



Info

- If you receive a phone call or an SMS message while you are writing or sending an SMS message, your message will be saved in the outgoing messages list. You can pick up the call and write or send your SMS message later on.
- SMS messages which cannot be sent after several attempts are marked with an error code and saved in the list of incoming messages (see your network provider's error code list).
- You can find out from the SMS service of your network provider whether an SMS message has been delivered or not.
- If there is a power cut, all settings and saved SMS messages are preserved.

Step by Step


Sending an SMS to an e-mail address (SMS to e-mail)

You can send SMS messages to an e-mail address.



1. Prepare an SMS as described on page 50.
2. Enter the e-mail address in the text field in front of the SMS text.
The at character ("@") is replaced by a "*" (press  2x) and the address ends with "." (press  8x).
Then enter the SMS text.

p.mustermann*name.de: Hi Peter ...




3. Press  to open the menu and press [OK] to select: *Send Text*.
4. As the destination number, enter **6245** for the e-mail service.
This corresponds to the key combination (vanity number):





5. Press  to open the menu and press [OK] to select: Press *Send* and .


Sending an SMS as a voice message (SMS to speech)

In this case, the SMS message is converted to speech and can then be transmitted by any telephone connection.



1. Prepare an SMS as described on page 50.
2. Enter the recipient's number in front of the SMS text in the text field.
Then enter the SMS text.

089123456: Hi Peter ...

3. Press  to open the menu and press [OK] to select: *Send Text*.
4. As the destination number, enter **773324** for language conversion.
This corresponds to the key combination (vanity number):




5. Press  to open the menu and press [OK] to select: Press *Send* and .

Step
by
Step

Querying remaining memory

You can query the remaining SMS memory (in %).

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Text Message*
3. Select using [**↓**] and [OK]: *Available memory*. Free memory will be shown in percent.

List of incoming messages


The incoming messages list contains all SMS messages received and all messages which could not be delivered, together with an error code.

Reading or deleting messages received


When a new SMS message arrives, the status LED starts flashing on all mobile handsets with the same incoming MSN, and they all show »You have a new message« in the display.

The date and time (as transmitted by the SMS centre) is indicated for each SMS message received. SMS messages are sorted after being received. New messages are placed before old messages.


If there are no answering machine messages or missed calls (missed calls list)

1. Press  for *New messages*.
The messages received list is opened and the last SMS received is displayed.
2. Press [**↓**] and [**≡**] to select: *(required SMS)*.

If there are new messages on the answering machine or entries in the missed calls list

1. Press  for *New messages*.
2. Press [**↓**] and [OK] to select: *Textmessage(SMS)*.

Reading an SMS message

3. Select using [**↓**] and [OK]: *Read textmessage*. Press  to see the continuation of the message in the display.

After a new message has been read, its status changes to "Old SMS".


Deleting an SMS message

- or
3. Select using [**↓**] and [OK]: *Delete textmess*. After a message has been deleted, the next message (if there is one) or the previous message is shown.

Delete all SMS messages received



- or
3. Select using [**↓**] and [OK]: *Delete list*.

Info

- You can also open the list of incoming messages with , *Text Message* [OK] and [**↓**] *Inbox* [OK].
- If the messages received memory is full, you will receive the message: *Text list full! Please delete entries*. One by one, remove the SMS messages no longer required from the messages received/sent list. In total, you can store a minimum of 25 and a maximum of 99 SMS messages in the two lists.

Step by Step

Displaying, dialling or saving in the directory the call number from the SMS message

1. Press  for selection menus.
2. Select using [OK]: *Text Message*.
3. Select using [↓] and [OK]: *Inbox*.
4. Select using [↓] and : *(desired message)*.

Display incoming MSNs (for whom is the SMS intended)

5. Press [↓] and [OK] to select: *Display entry*.
The incoming MSN is displayed.

Display the SMS sender's number (from whom did the SMS come)

6. Select using [↓] and [OK]: *Display entry*. The call number will be displayed.

Dialling the call number of the SMS message




- or 6. Select using [↓] and [OK]: *Dial number*.

Saving the call number of the SMS message in the telephone directory


- or 6. Select using [↓] and [OK]: *Copy to dir*.

Options for reading SMS messages


When you read an SMS message, you can use the following functions via the menu.

1. Press  for selection menus.
2. Select using [OK]: *Text Message*.
3. Select using [↓] and [OK]: *Inbox 1/2* (e.g. 1 new, 2 old entries).
4. Select using [↓] and : *(desired message)*.
5. Select using [↓] and [OK]: *Read textmessage*
6. Select  to open menu.


Writing a new message as answer

7. Select using : *Write Message*. The input field is opened. You can write a message and then send or save it (see page 50).


Answer "Yes" or "No"

- or 7. Select using : *Answer: Yes* or *Answer: No*. "Yes" or "No" will be attached to the received message. After this you can send the message or save it in the outgoing messages list (see page 50).


Modifying and answering SMS messages after reading them

- or 7. Select using : *Use Text*. You can modify or extend a received message and then send it or save it in the outgoing messages list (see page 50).

Forwarding SMS messages

- or 7. Select using : *Forward Text*. The call number field will be opened. Enter the call number with area code to which the message is to be forwarded.

Saving call number of the message in the telephone directory

- or 7. Select using : *Copy to Directory*.

Step
by
Step

List of outgoing messages

The outgoing messages list shows all messages which:



- you have saved (see pag e50),
- which the system automatically saved because you were interrupted while writing the SMS (e.g. by an incoming call).

These messages are kept in the memory until you delete them.

Info

- Messages which are sent without being saved are deleted.
- In total, you can store a minimum of 25 and a maximum of 99 SMS in the messages received/sent list.

Reading or deleting saved SMS messages

1. Press  for selection menus.
2. Select using [OK]: *Text Message*.
3. Select using [↓] and [OK]: *Outbox* 3 (e.g. 3 entries).
4. Select using [↓] and : (*desired message*).

Reading saved SMS messages

5. Select using [↓] and [OK]: *Read textmessage*. Press [↓] to see the continuation of the message in the display.



or 5. Deleting saved SMS message

Select using [↓] and [OK]: *Delete textmess*. After a message has been deleted, the next message (if there is one) or the previous message is shown.

or 5. Deleting all saved SMS messages

Select using [↓] and [OK]: *Delete list*.

Displaying, dialling or saving in the directory the call number from the SMS message

1. Press  for selection menus.
2. Select using [OK]: *Text Message*.
3. Select using [↓] and [OK]: *Outbox* 3 (e.g. 3 entries).
4. Select using [↓] and : to select: (*desired message*).

Displaying the call number of saved SMS message

5. Select using [↓] and [OK]: *Display entry*. The call number will be displayed.

or 5. Dialling the call number of the saved SMS message


Select using [↓] and [OK]: *Dial number*.

or 5. Saving the call number of the saved SMS message in the telephone directory

Select using [↓] and [OK]: *Copy to dir*.

Options for reading a saved SMS message

When you read a saved SMS message, you can use the following functions via the menu.

1. Press  for selection menus.
2. Select using [OK]: *Text Message*.
3. Select using [↓] and [OK]: *Outbox* 3 (e.g. 3 entries).

Step
by
Step

- 4. Select using [↓] and [≡]: *(desired message)*.
- 5. Select using [↓] and [OK]: *Read textmessage*.
- 6. Select [≡] to open menu.

Writing a new message as answer

- 7. Select [↶]: *Write Message*. The input field is opened. You can write a message and then send or save it (see page 50).

Sending saved SMS messages

- or 7. Select [↶]: *Use Text*. You can modify or extend a saved message and then send it (see page 50).

Further SMS features

Find out which of the following SMS features are offered by your network provider and which call numbers and codes you should use.

For the current range of SMS services available, please contact your service provider.

SMS service behind ISDN telephone systems

If your Gigaset 4170/4175isdn is connected to an ISDN telephone system, please refer to the instructions regarding SMS functions for your telephone system.

Fault during transmission of an SMS message

Interrupted transmissions will be charged for.
The following **error codes** may be displayed:

Error code	Description
E0	Permanent suppression of activated number (CLIR).
FE	Error during transmission of the SMS
FD	Error in making connection with the service centre
C3	Wrong SMS number

E0: SMS messages cannot be sent if your station number transmission has not been released.

FD: If the SMS centre number was missing or if it was stored incorrectly, SMS messages cannot be sent or received. The wrong SMS centre number also appears in you caller list; please delete this number there. Check the SMS centre number to ensure that it has been correctly stored (see page 49).

Info

SMS messages with special features such as graphics or sound are not supported by your Gigaset 4170/4175isdn.

Step
by
Step

Answering machine (Gigaset 4175isdn only)

The Gigaset 4175isdn has three answering machines (AMs). Any MSN can be assigned to any answering machine. However, an individual MSN cannot be assigned to more than one answering machine at a time. Only one message can be recorded at a time. Answering machines which you have hidden (see page 21) or (see page 58) are not shown in the corresponding menus.

Answering machine-access options






MSN not set (factory default):

- Every AM can be set and monitored from any handset/terminal.
- Once activated, AM1 will answer all calls.



One or more MSN allocated:

- The AM in question can only be set and monitored from handsets/terminals with the same incoming MSN.
- Exception: If an incoming MSN is exclusively allocated to an AM and therefore to no other handset/terminal, this AM can be used by all internal users.

Assigning an incoming MSN to the AM

1. Press  for selection menus.
2. Select using [>] and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using [>] and []: (*Int: 91 AM 91* for AM 1, *Int: 92 AM 92* for AM 2, *Int: 93 AM 93* for AM 3).
4. Select using [>] and [OK]: *Receive MSN* → (*relevant MSN*).



Selecting an answering machine

1. Press  for the selection menus.
2. Select using [>] and [OK]: *Voice mail* → (*required AM*).

The list of answering machines only contains those answering machines assigned for this Comfort handset. If only one answering machine can be accessed from this Comfort handset, the selection list is ignored.

On the Gigaset 4000 Comfort you can access the list of answering machines by a long press on digit key 1.

Activating/deactivating the answering machine


1. Press  for selection menus.
2. Select using [>] and [OK]: *Voice mail* → (*desired AM*) → *Activate?* or *Deactivate?*

Step by Step

Hiding/showing answering machines

If you want to operate only one answering machine for your line (e.g. AM91), you can hide the other AMs in all displays and menus with this procedure. The procedure deactivates any active AM. The AM returns to its previous condition when it is shown again.


If there are still any messages on an AM which you want to hide, you will be informed of this during the procedure.

1. Press  for selection menus.
 2. Select using [**↓**] and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*. The list of internal numbers will be displayed.
 3. Select internal no. of the desired AM (e.g. AM93) using [**↓**] and [**≡+**].
 4. Select and confirm using [**↓**] and [OK]: *Hide AM?*.
- or
4. Select and confirm using [**↓**] and [OK]: *Show AM?*.

Activating an announcement

You can activate announcement 1 or 2, or the information announcement. If available, the concluding announcement is automatically activated in connection with announcement 1 or 2.


If you have not recorded an announcement, the factory default announcement is used.

1. Select using  and [OK]: *Voice mail* → (desired AM) → *Announcements*.
2. Select using [**↓**] and [**≡+**]: (required announcement).
3. Select using [**↓**] and [OK]: *Select*.

Recording/modifying announcements

A total of 4 announcements can be recorded:

- *Announcement 1*
- *Announcement 2*
- *Announcem. only*
- *Concl.announcement*

1. Select using  and [OK]: *Voice mail* → (desired AM) → *Announcements*.
2. Select using [**↓**] and [**≡+**]: (required announcement).
3. Select using [**↓**] and [OK]: *Record*.
4. Press [START]: start recording.
5. Record announcement.
6. Press [STOP]: end recording.

The announcement is played back so that you can check it.



Recording is automatically aborted if:

- you pause for more than 8 seconds while recording the announcement
- the memory is full

Step by Step


Playing back/deleting announcements

Checking/deleting announcements

1. Select using  and [OK]: *Voice mail* → (desired AM) → *Announcements*.
2. Select using [↓] and : (required announcement).
3. Select using [↓] and [OK]: *Playback*.
- or 3. Select using [↓] and [OK]: *Delete*.
4. When deleting an announcement: Confirm prompt with [YES].

Recording memos

Memos are "spoken messages" which are left for family members, for example. A memo can be played back like a message, saved and deleted.


1. Select using  and [OK]: *Voice mail* → (desired AM) → *Announcements* → *Memos* → *Record memo*.
2. Press [START]: start recording.
3. Record memo text.
4. Press [STOP]: end recording.

If the memory is full or if you pause for more than 8 seconds while recording the announcement, recording is automatically aborted.

Recording a call

You can record a call and then listen to and delete the recording like any other message.

During a call:


1. Press  for the menu.
 2. Select using [↓] and [OK]: *Record* → (required AM).
- Recording starts immediately.
3. Press [STOP]: Recording ends.

Info


Recording also stops when the call ends or if the memory is full. You should always let the other person know you that you intend recording the call.

Step by Step



Listening to messages

You can access new messages directly using the letter symbol  on the Gigaset 3000/2000 Comfort handset.



New messages are indicated on the Gigaset 4000 Comfort by a flashing status LED. Pressing the message button  gives you direct access to new messages.

You can start playback by holding down the  button (if more than one answering machine contains messages you first need to select the answering machine).

You can call up all saved messages as follows:



Select using  and [OK]: *Voice mail* → (desired AM) → *Messages* → *New messages* **or** *All messages*. Select using  and [OK]: *Playback* begins.

Press [>] or [>] to go to the next or previous message.

Press [>] to repeat the last 5 seconds of the current message. If fewer than 5 seconds have elapsed, the message is played from the start again. During the pause you can start the next message by pressing [>...].

Listening to memos






Select using  and [OK]: *Voice mail* → (desired AM) → *Memos* → *New memos* **or** *All memos*. Select using [>] and [OK]: *Playback* begins.

Press [>] or [>] to go to the next or previous memo.

Deleting messages and memos




You can delete messages or memos either individually or together. Messages and memos can only be deleted if they have been played back for at least three seconds. These recordings are then classified as old.

Deleting individual messages or memos

1. Select using  and [OK]: *Voice mail* → (desired AM) → *Messages* → *All messages* **or** → *Memos* → *All memos*.
2. Select using [>] or [>] and [>]: (required message **or** memo).
3. Select using [>] and [OK]: *Delete message* **or** *Delete curr.memo*.

The current message or memo is deleted.

Delete all old messages

1. Select using  and [OK]: *Voice mail* → (desired AM) → *Messages* → *All messages* **or** → *Memos* → *All memos*.
2. Press [>]: branch to the supplementary menu.
3. Select using [>] and [OK]: *Del.old messages* **or** *Delete old memos*.
4. Confirm prompt with [YES].

Step
by
Step

Callback during playback

While you are playing a message you can call the caller back immediately, provided the caller's number was sent with the message.

1. Press during playback.
2. Select using and [OK]: *Call back*.

The subscriber is called.

If you have stored one or more providers on the handset you can make the call-back with a provider call number.

1. Press during playback.
2. Select using and [OK]: *No. from provider/NET list*.
3. Select using and [OK]: (Provider)

The subscriber is called.

Set old message to "New"

Messages which have already been monitored can be set to "New", so that this message is shown as a new entry by a flashing status LED or by text in the display.

By pressing the messages key you will again have direct access to the message.

1. During playback, press .
2. Press and [OK] to select: *Status to 'new'*.
Only the current recording is again "new".

Playback continues if further messages have been recorded.

Set playback speed

The playback speed for a message can be set in four steps.

1. During playback, press .
2. Press and [OK] to select: *Speed*.
3. Select required speed, e. g. *Fast* and press [OK] to accept (✓ before menu item = ON / none = OFF).

Playback continues at the new speed. The speed selected is stored.

Add number to telephone book

While a message is being played back, you can have the caller's number displayed and stored in the telephone book.

Requirement: The caller's number was transmitted to you.

1. During playback, press .
2. Press and [OK] to select: *Save number* → (enter a name) → → *Save Entry*.

Modifying settings


Defining the number of rings

Factory setting: *Automatic 2/4*. In this case the answering machine operates as follows: if there are no new messages, the announcement is activated after 4 ring cycles; if new messages have already been left, the announcement is activated after 2 cycles. When you check your messages remotely, this enables you to tell after 3 ring tones that there are no new messages. If you hang up immediately, no call charges are incurred.

Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *No. of rings* → (1-9) **or** (*Automatic 2/4*).

Activating/deactivating voice output of the date and time

If the time stamp is activated, all messages include the day, date and time of recording.

Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *Message/Memo* → *Time stamp*.


Defining recording length

The message can either be 1minute, 2minutes or 3minutes long, or of maximum length.

Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *Message/Memo* → *Message length* → (required recording length).


Setting recording quality

If you set the recording quality to high, this reduces the available recording time. At standard recording quality (which is normally sufficient), the memory can support 35 minutes, at high quality 12 minutes.

Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *AM quality* → *High quality* **or** *Long recording*.

Activating automatic pause

When automatic pause is activated, the answering machine switches automatically to pause status after a message or memo has been played back.


Select using [] and [OK]: *Voice mail* → (desired AM) → *Settings* → *Automatic pause*.

Step by Step

Locking the answering machine

Your answering machine can be protected against third-party intervention with an individual PIN (Personal Identification Number). The answering machine PIN is also your access code for remote control of the answering machine.

Activating/deactivating the answering machine

Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *AM lock* (✓ before the menu command = ON / no = OFF).

Setting a timer



You can control your answering machines with a timer function. A start time can be defined for each announcement. For workdays (Monday to Friday) you can set a separate start time for each announcement and switch off the answering machine at a particular time. At weekends (Saturday and Sunday) you can either use the timer controls for weekdays, select one of the announcements for use all day or switch off the answering machine all day.

For example: A company has an emergency service outside of regular business hours. However the announcement at weekends must differ from the announcement during the week. The following setting would be appropriate in this case: Mon - Fri from 07:00 pm to 07:00 am: an announcement specifying the emergency number. Sat + Sun from 00:00 am to 07:00 am: the second announcement.

Activating/deactivating the timer


Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *Time control* → *Activate?* or *Deactivate?*

Setting the start time (Monday - Friday)


1. Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *Time control* → *Mon - Fri* → (required announcement).
2. Enter the start time and press .

Info

Entering a second start time generates the end of the previous one.

3. Select using  and [OK]: *Save entry*.


Setting "Saturday - Sunday" mode

Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *Time control* → *Sat - Sun* → (required function).


Automatic listening in on the handset

A Gigaset 4000 Comfort is assigned to an answering machine. You can set whether the handset is switched automatically to open listening when a message is recorded.

Assigning a handset

Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *Aut. listen in* → *Select HS* → required handset.

Activating/deactivating listening-in



Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *Aut. listen in* → *Activate?* (or *Deactivate?*).

Step by Step


Picking up a call from an answering machine

To pick up a call from an answering machine, you need at least the "Incoming only" access (Defining authorizations see page 69). A further requirement is that the same incoming MSN must have been allocated to the answering machine and the internal user picking up the call, and that no other user is automatically monitoring calls on another handset.

Activating/deactivating automatic AM pickup

1. Press  for selection menus.
2. Select using [>] and [OK]: *Base Settings* → *Settings* → *System settings* → *AM auto. pickup*.


Picking up a call

A call is recorded. You answer the call using the  button.

Direct (setting AM Auto. Pickup is active)

1. Press .

or Indirect (setting AM Auto. Pickup is not active)

1. Press .
2. Listen in on the call: press [OPLIST], this allows you to listen in without the caller noticing.
3. Pick up the call: press [ACCEPT].

Querying the answering machine status

You can check the number of new and old messages (memos) and the answering machine settings.

Select using  and [OK]: *Voice mail* → (desired AM) → *Status* → *Messages* (or memos).

The number of new and old messages (memos) is displayed.

or

Instead of messages (memos), you can also check the following settings:

- *Announcement* (type of announcement)
- *Recording* (length/quality)
- *Time control* (on/off, announcement start times)
- *Start options* (number of rings)
- *Playback* (type, automatic pause)
- *Remote options* (remote control: on/off, remote delete: on/off)
- *General* (language, remaining memory)







Step
by
Step

Automatic notification via SMS




Your Gigaset 4175isdn can automatically send you an SMS message to an external call number when a new message is recorded on the answering machine. This SMS message will say, for example:

"New message: 01712205625 for office 78581312 at 18:27 hours on THUR, 19.07. You have a total of 2 new AM messages".





Entering, changing destination number

1. Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *SMS notificat.*
2. Press display button : Go into additional menu.
3. Select using  and [OK]: *Change number.*
4. Press display buttons:   and enter digits to change number.
5. Press display button  → *Save entry* and [OK].

Deleting destination number

1. Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *SMS notificat.*
2. Press display button : Go into additional menu.
3. Select using  and [OK]: *Delete number.*

Activate/deactivate SMS notification


1. Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *SMS notificat.*
 2. Press display button : Go into additional menu.
 3. Select using  and [OK]: *Activate?*
- or
3. Select using  and [OK]: *Deactivate?*

Remote control of the answering machine


You can control your answering machine from any registered handset or externally, e.g. listening to and deleting messages. The same procedures apply for both remote control functions, the only difference is the way in which remote control is activated. For remote operation **you need to modify the answering machine PIN** (factory setting: 0000) to ensure maximum security. To ensure full functionality for this type of operation, remote control and remote delete must be enabled.

Modifying the answering machine PIN

Your Gigaset 4175isdn is delivered with the answering machine PIN 0000.


1. Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *Change AM-PIN.*
2. Enter the new AM PIN (max. 8 digits) and confirm with [OK].
3. Repeat the new AM PIN and confirm with [OK].

Info

If you make a mistake when entering the PIN, you can delete the entry using the  key and enter the correct PIN.

Step by Step

Setting remote functionality

Select using  and [OK]: *Voice mail* → (desired AM) → *Settings* → *Remote options* → *Remote control* **and/or** *Remote delete*.









Operating the answering machine on the move

Remote control requires access to a telephone with DTMF (tone dialling). It is important that the AM PIN has to be entered immediately while the announcement text is being played. In addition, *Remote control* and *Remote delete* must be activated.

1. Dial your own call number.
2. Once the announcement has commenced, you can enter the AM PIN immediately.

Controlling the answering machine from the handset (internal)

Voice-controlled help is activated with the two-key functions; these are as follows:

		for	delete help
		for	new messages help
		for	recording help
		for	setup help

Comfort and standard handset

1. Press [INT].
2. Enter the internal call number for the answering machine: 91 **or** 92 **or** 93.
If the answering machine lock is active:
3. Enter the answering machine PIN.

Third-party handset (GAP mode)

1. Lift the handset. An additional key may have to be pressed in order to set up an internal call.
2. Enter the internal call number for the answering machine: 91 **or** 92 **or** 93.
If the answering machine lock is active:
3. Enter the answering machine PIN.

Cordless telephone adapter and a normal telephone

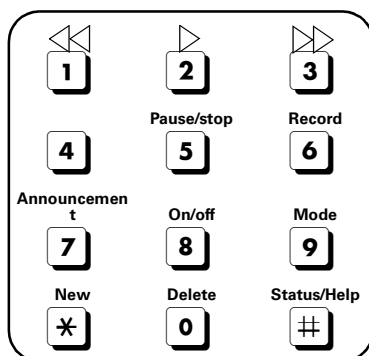
Info Automatic line seizure (see page 77) must be deactivated. It is activated by default.

1. Lift the handset.
2. Enter the internal call number for the answering machine: 91 **or** 92 **or** 93.
If the answering machine lock is active:
3. Enter the answering machine PIN.

Step by Step

Key sequences for remote control

Once you have commenced remote control for the answering machine, each key has the same function, regardless of the telephone model.



Playing back messages and memos

All messages	2
New messages only	* 2
Pause/stop	5
Continue Playback	2
End Playback	5 5

Skipping messages and memos

To start of message	1
Previous message	1 1
Next message	3

Deleting messages and memos

Individual message during Playback	0 2
All messages after Playback	0 2

Recording an announcement

Announcement 1	6 7 1
Announcement 2	6 7 2
Announcem. only	6 7 3
Concluding announcement	6 7 4

Playing back an announcement

Announcement 1	7 1
Announcement 2	7 2

Step by Step

Playing back an announcement

Announcem. only

7 **3**

Concluding announcement

7 **4**

Selecting an announcement

Announcement 1

9 **1**

Announcement 2

9 **2**

Announcem. only

9 **3**

Concluding announcement

9 **4**

Recording internal memos

Begin recording

6 **2**

End recording

5

Activating/deactivating the answering machine

Activate/deactivate

8

Help

Query settings

#

Query single-key functions

**#**

Query two-key functions

(see p. 66)







End query

5

Security settings


To change the system PIN

With the system PIN (Personal Identification Number) you can enter the following settings in the base station to prevent unauthorised access:

-  → *Costs*
-  → *Base Settings* → *Ext. call forw.*
-  → *Base Settings* → *Int. call forw.*
-  → *Base Settings* → *Night service*
-  → *Base Settings* → *Settings*
-  → *Base Settings* → *Installation*

The system PIN only takes effect if it is ≠ 0.

PIN number 0000 is assigned to your Gigaset 4170/4175isdn on delivery.

1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Security*.
3. Only for system PIN ≠ 0000: Enter system PIN and confirm with [OK].
4. Select using [↓] and [OK]: *Change PIN*.
5. Repeat the new base PIN (max. 8 digits) and confirm with [OK].
6. Repeat the new base PIN and confirm with [OK].





Note the new base PIN carefully. If you forget your PIN, the device will need to be opened. In this case, contact the Siemens Hotline.

Defining authorizations

It is possible to set different authorizations for all registered devices:

1. **Unrestricted**
(Default setting)
All devices can accept incoming calls and make outgoing external/internal calls.
2. **Incoming only**
The devices can only accept incoming calls. External calls cannot be made.
Internal calls may be made.
Emergency numbers may be dialled.
3. **Internal only**
The devices can only accept and handle internal calls.
Calls to the emergency services can be made.


1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Security*.
3. Only for system PIN ≠ 0000: Enter the system PIN and confirm with [OK].
4. Select using [↓] and [OK]: *Authorisation* → *(desired internal subscriber)* → 
→ *(desired authorization, ✓ before menu command = ON / no = OFF)*.

Step by Step

Emergency Nos.

Two or three emergency numbers (country-specific) are entered at the base station. Five additional emergency numbers can be added to the following positions.

Configuring new emergency numbers

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Settings* → *Security*.
3. Select using [**↓**] and [OK]: *Emergency nos.* → *<no entry>*.
4. Confirm [**≡**].
5. Select using [**↓**] and [OK]: *Change number*.

You can also delete or display an emergency number in this supplementary menu.

6. Enter the new emergency number (max. 32 digits) and confirm [**≡**].
7. Select using [**↓**] and [OK]: *Save entry*.

You can also add a number from the directory to this supplementary menu as an emergency number, or use a provider number (if supported).


Info

If your Gigaset 4170/4175isdn is connected to a telephone system, you must enter the correct prefix, e.g. "0" in front of the emergency number. This also applies to fixed numbers already entered "110" and "112", which you may have to re-enter as "0110" and "0112."

Dialling the emergency number

Info

The emergency number may also be dialled on handsets with restricted access (e.g. *Internal only*).

1. Press any key **or** .
2. Confirm [EMERG.].
3. Enter the emergency number.


Operation using a telephone system

Prefixes (access codes)

If your telephone is connected to a PABX, you may initially have to enter a prefix (access code) for external calls. Please refer to the operating instructions for your PABX. The prefix can consist of one to four digits.

In the case of incoming calls, the prefix is automatically added to the caller's number in the display, in the missed calls list and thus also in the telephone directory (if copied there from the missed calls list). The number stored can be dialled directly from the missed calls list (see page 35).

Entering a prefix (access code)

1. Press  for selection menus.
2. Select using [**↓**] and [OK]: *Base Settings* → *Settings* → *System settings* → *Access code*.
3. Confirm with [**≡**] and enter the desired code.
4. Press [**←**] [**→**] [**↶**] to select: delete, change or insert.
3. Confirm with [**≡**] and select *Save entry* followed by [OK].


Info When dialling manually or entering telephone directory, emergency or DSS numbers, the prefix must be specified explicitly.

Transferring a call – automatic call transfer

With some ISDN systems, the original caller and the party called for enquiry purposes cannot be connected simply by hanging up.

In this case, you must activate this function.

Please refer also to the operating instructions for your PABX.

1. Press  for selection menus.
 2. Select using [**↓**] and [OK]: *Base Settings* → *Settings* → *ISDN settings* → *Transfer(ECT)* (✓ before menu item = ON / no = OFF).
- Use [OK] to toggle between ON and OFF.

Info If you activate this function, *Ext. enq. call* is automatically set (= in the central office) (see pag e27).



Step by Step

Dialling options

With the KEYPAD function, you can control certain service elements by entering sequences of characters and numbers.

The KEYPAD function should be set when connecting your Gigaset 4170/4175isdn to an ISDN telephone system or a switching centre (e.g. Centrex) which is controlled by the KEYPAD protocol. In this case, the numbers/characters 0-9, *, # are sent as keypad information elements. For the information and codes you can send, please contact your service provider.

If your Gigaset 4170/4175isdn is linked to a Centrex system, you can use the following features.

Calling Name Identification (CNI)	In the case of incoming calls from other CENTREX subscribers, the number and name of the caller is shown on the display.
Message Waiting Indication (MWI)	On comfort handsets, the display key  is offered if there are new callers in the caller list. Calling up the caller list results in deletion of the display key  .
CENTREX call	The CENTREX call is signalled acoustically as an internal call.

Setting options

You have the option of switching between *Standard dial* (factory default) *Auto keypad* und *Dial * and #* settings.

Standard dial

Having switched on, *Standard dial* * and # are not transmitted when dialling and when * and # are entered, the unit does not switch to keypad.

Auto keypad

When * or # are input, this setting automatically switches signalling to keypad when dialling. This automatic switching is required for commands to the switching centre or telephone system.

Dial * and

When *Dial * and #* are activated, the characters * and # are sent as commands to the switching centre or telephone system when dialling.


Regardless of the above setting options, the system is automatically switched to tone dialling (DTMF) when dialling is **complete**, e.g. for telecontrol of an answering machine.

Step
by
Step


Activating standard dialling (ISDN)

1.  is pressed for menus.
2. Press [↓] and [OK] to select: *Base Settings* → *Settings* → *System settings* → *Spec. function* → *Dial properties* → *Standard dial* (✓ before menu item = ON / none = OFF).

Activating automatic keypad switching

1.  is pressed for menus.
2. Press [↓] and [OK] to select: *Base Settings* → *Settings* → *System settings* → *Spec. function* → *Dial properties* → *Auto keypad* (✓ before menu item = ON / none = OFF).

Activating * and # dialling


1.  is pressed for menus.
2. Press [↓] and [OK] to select: *Base Settings* → *Settings* → *System settings* → *Spec. function* → *Dial properties* → *Dial * and #* (✓ before menu item = ON / none = OFF).

Activating/De-activating the keypad during a call

In addition to the long-term settings described above, you also have the option of switching temporarily to keypad.


The setting only applies to an ongoing external call and is automatically de-activated when the call is finished.

Requirement: You are currently making a call.

1.  is pressed for menus.
 2. Press [↓] and [OK] to select: *Keypad on?*.
 3. Enter keypad character sequence (code).
- or
2. Press [↓] and [OK] to select: *Keypad off?*.

Activate the keypad for the next call only.

All dialling characters (0-9, *, #) are sent as a keypad character sequence when the next connection is made (dialling and call). When connected, the keypad is retained and the unit does not automatically switch to tone dialling (DTMF).

1.  is pressed for menus.
2. Press [↓] and [OK] to select: *Base Settings* → *Call preparat.* → *Temp. keypad* (✓ before menu item = ON / none = OFF).

Operation using other devices

Connecting wired analog devices

The internal numbers [Int.21](#)/[Int.22](#) are permanently allocated to the TAE connections.

Devices connected to them must not be

- registered with the base station and
- must be set for tone dialling (DTMF) (DP not supported).

Furthermore, the appropriate device type must be set and additional device-Dependent settings must be made.

Costs are not displayed on connected devices. However, costs accruing are jre-corded in the base station and can be retrieved from a Comfort handset or the PC.

Setting the device type

The following settings can be made (Specifying the device type see page 76).

- [Telephone](#) see page 74, Telephone connections.
- [Fax](#) see page 75, Connecting a fax machine.
- [Modem](#) see page 75, Connecting a modem.
- [Answering mach.](#) see page 75, Connecting an answering machine.
- [Neutral](#) see page 75, Connecting a fax machine.
- [Door type1](#) see page 79, Configuring the entrance telephone.
- [Doortype2\(DTMF\)](#) see page 79, Configuring the entrance telephone.
- [Ext. music/hold](#) see page 28, Configuring music-on-hold.
- [No function](#) see page 76, No device connected.

Info

Please note the following explanations regarding device types and the addition-al device-dependent settings for them.

Telephone connections

With the factory default, the two TAE connections are set to [Telephone](#).

This means that even without the handset, the base station is already in its standby state with a telephone (with tone dialling/DTMF) connected to [Int.21](#) or [Int.22](#).

For details on how to make calls with wired telephones, see the chapter on "Making calls with devices with TAE connection." , Page 77 .

If you also wish to make internal calls with this telephone, automatic line sei-zure for the corresponding TAE connection must be switched off (see page 77). For external connections, the number must be prefixed by a zero.

Step by Step

Connecting a fax machine

To operate a fax machine or multifunction device (e.g. fax cum telephone) the device type setting must be changed to *Fax* or *Neutral*.

For smooth fax operation independent of the settings for the remote station, device type setting *Neutral* is recommended (with the *Fax* setting, a successful fax connection depends on the settings for the remote station).

If you only set up external connections, automatic line seizure for the relevant TAE connection must remain switched on. In this case, the fax machine or multifunction device should be set to "main station operation".

On the other hand, if you also wish to set up internal connections, automatic line seizure must be switched off for the corresponding TAE connection (see page 77). For external connections, the number must be prefixed by a zero, or the fax machine or multifunction device must be switched to "telephone system operation" (see operating manual for the fax machine, multifunction device).

Use the option of assigning the fax its own number (MSN). Assign an exclusive incoming MSN to the relevant TAE connection (see page 24).

With device type setting *Fax*, *Call waiting* and *Hunt group* are not supported.

With device type setting *Neutral*, *Call waiting* is not supported. When a "Dedicated" fax machine is connected, *Hunt group* must be switched off (see page 31).

Connecting a modem

To use a modem, the device type setting must be changed to *Modem*.

If you only set up external connections, automatic line seizure for the relevant TAE connection must remain switched on. In this case, the modem should be set to "main station operation".

On the other hand, if you also wish to set up internal connections, automatic line seizure must be switched off for the corresponding TAE connection (see page 77). For external connections, the number must be prefixed by a zero or the modem must be switched to "telephone system operation" (see operating manual for the modem).

Connecting an answering machine

If you wish to use an answering machine (or telephone with an integrated answering machine) using the TAE connection, device type setting *Answering mach.* is recommended. With this setting, a call can be picked up by the answering machine (see page 78).

If a telephone is connected to an integrated answering machine and you also wish to make internal calls with the telephone, automatic line seizure for the corresponding TAE connection must be switched off (see page 77). For external calls, the number must then be prefixed by a zero.


With device type setting *Answering mach.*, *Call waiting* and *Hunt group* are not supported.

Step by Step

No device connected

For every TAE connection for which no device is connected, device type *No function* must be set in order to prevent malfunctions with ISDN functions *Re-ject all* (see page 27) and *Busy on busy* (see page 27).

Specifying the device type

1.  is pressed for menus.
2. Press [↓] and [OK] to select: *Base Settings* → *Settings* → *Setup user* → *Setup device* → *Int.21* or *Int.22* → *Set*.
3. Press [OK] to set (✓ e.g. before *Fax*)

Gigaset M101 Data and M105 Data modules

Gigaset M101 Data with its V24 interface and Gigaset M105 Data with its USB interface enable cordless PC connection to the base station, e.g. for Internet access.


For setting up see the chapter entitled "Operating Gigaset talk&surf with a cordless data module" in the installation instructions.

Gigaset Repeater

The Gigaset repeater allows you to increase the range of your handset. Your Gigaset 4170/4175isdh is set up to use a Gigaset repeater (as an accessory).

Activating and deactivating the repeater capability

This function allows you to activate and deactivate the repeater capability.

1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *System settings* → *Spec. function* → *Repeater*.
3. Set using [OK]: ✓ before the menu command = ON/no = OFF
4. To activate, press [NEXT]. The handset is then temporarily disabled.

Registering a repeater

1. Gigaset repeater is switched off (power plug has been removed).
2. Press the illuminated registration key on the base station, the key flashes. The base station only remains in registration mode while the key is flashing.

Info

When carrying out this procedure, please ensure that no other base station is in registration mode in the vicinity of the Gigaset repeater.

3. Plug in the Gigaset repeater.
4. The Gigaset repeater LED flashes intermittently. The LED soon remains on permanently to indicate that registration was successful and that it is in its standby state.

For further information, please refer to the operating manual for the Gigaset repeater.

Step by Step

Registering cordless Gigaset 1000TAE

The cordless Gigaset 1000TAE allows analog terminals e.g. telephones, fax machines or answering machines to be operated cordlessly from your base station.

The base station system PIN must be set to "0000" before the device is put into operation, see To change the system PIN see page 69.

1. Press the green illuminated key on the base station.
2. Prepare the 1000TAE for registration (see the Gigaset 1000TAE operating instructions).

A connection is setup between the base station and the TAE. The 1000TAE is assigned the lowest available internal number. An available internal number cannot be selected via the 1000TAE.

Setting the device type for cordless TAE


When operating a cordless TAE on Gigaset 4170/4175isdn, you must define the type of the connected device.

Making calls with devices with TAE connection.

Telephones with tone dialling (DTMF = dual-tone multi-frequency signalling) can be used with TAE connections. Telephones with DP (dialling pulse) are not supported. Setting the device type see page 74.

Activating/deactivating automatic line seizure

With automatic line seizure, the trunk line is seized immediately when the handset is lifted. Normal internal dialling is thus no longer possible. By pressing the [R] key, however, an internal call can be made by means of an internal enquiry.

1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using [↓] and [≡≡≡]: (*cordless subscriber, analogue subscriber or Gigaset 1000TAE subscriber or GAP handset subscriber*).
4. Select using [↓] and [OK]: *Auto. seizure*.

Making external calls

Autom. line seizure deactivated



Autom. line seizure activated



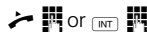
Making internal calls

Autom. line seizure deactivated



Making internal calls with GAP handsets

Autom. line seizure deactivated



Step by Step




Collective calls to all internal subscribers

Autom. line seizure deactivated

  / with GAP poss.  

Call waiting

You hear the call waiting tone during your external call.

 *Call disconnected, wait for call signal*  

  subscriber 1 is put on hold

Switching to waiting subscribers - toggle

  subscriber 1 is put on hold,   subscriber 2 is put on hold, etc.

Conducting external enquiry calls

   (again  switch between the call parties)

Making internal enquiry calls

  (repeated  switch between the call parties)

Call transfer on/before answer.

  (internal) 

  (internal)  

Picking up a call while the answering machine is operating





Calls can be picked up even while the answering machine connected to the second analog connection is switched on, playing your announcement or recording a message. Once you pick up, the recording process is stopped.

Automatic call pickup can be deactivated (see pag e64) so that you can make outgoing calls even while the answering machine is switched on.

Automatic line seizure must be switched off.

Automatic call pickup active (factory default) Automatic call pickup not active



Info

For call pickup, the answering machine and the internal subscriber called must be assigned the same incoming MSN and the internal number of the answering machine must be assigned the device type *Answering mach..*

Step
by
Step



Operation with the entrance telephone

Configuring the entrance telephone


1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using [↓] and : (desired internal subscriber 21 or 22).
4. Select using [↓] and [OK]: *Device type* → *Door type1**.
- or 4. Select using [↓] and [OK]: *Device type* → *Doortype2(DTMF)***.

Setting codes for entrance telephone "Door type 2 (DTMF)"


For entrance phones controlled by DTMF codes you can set various codes. Please read the instructions for this entrance phone!

1. Press  for selection menus.
2. Select using [↓] and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using [↓] and : (desired internal user 21 or 22).


Setting door opener code

4. Select using [↓] and [OK]: *Door code*.
5. Enter code (factory setting = #9) and confirm .
6. Select using [↓] and [OK]: *Save entry*.


Setting collective call code

4. Select using [↓] and [OK]: *Hunt group code*.
5. Enter code (factory setting = 8) and confirm .
6. Select using [↓] and [OK]: *Save entry*.

Setting connect code

4. Select using [↓] and [OK]: *Connection code*.
5. Enter code (factory setting = 9) and confirm .
6. Select using [↓] and [OK]: *Save entry*.

Setting disconnect code






4. Select using [↓] and [OK]: *Release code*.
5. Enter code (factory setting = #0) and confirm .
6. Select using [↓] and [OK]: *Save entry*.

* This configuration is only applicable for entrance telephones in accordance with FTZ (door opener via ring current).

** E.g. Deutsche Telekom DoorLine products

Step by Step










Assigning internal users to the entrance telephone call group

1. Press  for selection menus.
2. Select using  and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using  and : (required internal subscriber).
4. Select using  and [OK]: *Door call grp*.








Forwarding the entrance telephone externally

All entrance telephone calls can be forwarded to an external number although internal users will also be called.








Entering/modifying a destination call number for external call forwarding

1. Press  for selection menus.
2. Select using  and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using  and : (configured entrance telephone Int 21 or Int 22).
4. Select using  and [OK]: *Forw. door call*.
5. Select using : (destination call number).
If a destination call number has not yet been stored, the entry <blank> is displayed.
6. Select using  and [OK]: *Change number*.
7. Enter the new or modified destination call number and confirm with .
8. Select using  and [OK]: *Save entry*.

Deleting a destination call number for external call forwarding

1. Press  for selection menus.
2. Select using  and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using  and : (configured entrance telephone Int 21 or Int 22).
4. Select using  and [OK]: *Forw. door call*.
5. Select using : (delete number).
6. Select using  and [OK]: *Delete number*.

Activating/deactivating call forwarding


1. Press  for selection menus.
2. Select using  and [OK]: *Base Settings* → *Settings* → *Setup user* → *Setup device*.
3. Select using  and : (required internal subscriber).
4. Select using  and [OK]: *Forw. door call*
5. Select using : (destination call number).
6. Select using  and [OK]: *Activate?* or *Deactivate?*

Step by Step


Call from the entrance telephone

Five ringing tones (externally to 12) are made by the entrance telephone.


Gigaset Comfort

1. Press the talk key . You are connected with the entrance telephone. The message "Door" is displayed.
2. Press the softkey **OP DOOR** to activate the door opener. The door opener is activated. The confirmation message "Intern. Door Op." is displayed. The connection to the entrance telephone is automatically terminated once the door has been opened.

Gigaset Classic

1. Press the talk key . You are connected with the entrance telephone.
2. Press the keys **R 1** to activate the door opener. The door opener is activated. The connection to the entrance telephone is automatically terminated once the door has been opened.

Supplementary devices

1. Lift the handset . You are connected with the entrance telephone.
2. Press the keys **R 1** to activate the door opener. The door opener is activated. The connection to the entrance telephone is automatically terminated once the door has been opened.

Activating entrance telephones

If you have any queries regarding the entrance telephones shown here or any other entrance telephone, please contact the relevant manufacturer or supplier.

Annex

Care

Clean the base station with an antistatic wipe. **Never** use a dry cloth as this could cause a build-up of static electricity.

Guarantee

Scope

- This equipment guarantee applies to end users ("customers"). This guarantee does not in any way affect the customer's statutory rights.
- The guarantee applies to the supplied devices and all their components but not to their installation or configuration or to the services provided by the dealer. Manuals and any software supplied on a separate data medium are excluded from the guarantee. This guarantee does not apply to decorative covers or any other personalised parts or software not included in the scope of supply. The guarantee also does not apply to decorative top or bottom shells for special editions.
- The guarantee provides for devices or components that, despite proper care and use, have demonstrably developed defects due to faulty workmanship and/or faulty materials to be replaced or repaired at our discretion free of charge. The guarantee does not cover normal wear and tear. Alternatively, we reserve the right to replace the defective device with a successor model or reimburse the original purchase price on return of the defective device. Our decision is final. Any legal claims are excluded.
- Claims under the guarantee cannot be made if
 - the defect or damage was caused by improper care or use.
Improper care or use includes the following:
 - Opening the device (this is classed as third-party intervention)
 - Manipulating components on the printed circuit board
 - Manipulating the software
 - Defects or damage caused by dropping, breaking, lightning or ingress of moisture. This also applies if defects or damage was caused by mechanical, chemical, radio interference or thermal factors (e.g. microwave, sauna, etc.).
 - Repairs or other work done by persons not authorised by us.
 - Devices fitted with accessories not authorised by Siemens.
- Any further claims due to damage are excluded, such as damage arising outside the device, provided this was not due to gross negligence and/or intent on our part.
- Claims under the guarantee must be made as soon as the defect is noticed.
- A till receipt showing the date of purchase must be presented as proof. Each claim under the guarantee is accepted with the express reservation that subsequent investigations confirm the validity of the claim.
- Any devices or components that are replaced become our property.
- The costs of materials and labour will be borne by us, but not the costs of transport, postage or freight.

Step by Step

- We are entitled, at our discretion, to make technical changes (such as firmware updates) beyond repair or replacement in order to upgrade the device to the latest state of the art. There is no additional charge to the customer for this work. Our decision is final. Any legal claims are excluded.
- The guarantee is valid in the country of purchase. It applies only if the device is operated in the relevant geographical area in accordance with the information on the packaging and in the operating instructions.
- Any further claims are excluded. Siemens is not liable in any circumstances for downtime, loss of profits, loss of data or loss of any other information. The customer alone is responsible for safeguarding such data and information.
- Changes to this guarantee require prior approval by Siemens in writing.

Guarantee period

- The guarantee applies in countries in the EU from 1 January 2002 for a period of 24 months.
- In all other countries the guarantee period shall be the relevant minimum statutory guarantee period, but no longer than 24 months.
- The guarantee period starts on the day of purchase by the customer.
- A successful claim under the guarantee does not extend the guarantee period.
- Work under the guarantee is handled by our Customer Care Centers.

The guarantor is Siemens Aktiengesellschaft Deutschland, Schlavenhorst 88, D-46395 Bocholt.

Info

To redeem the guarantee please contact your local Customer Care Center (see page 84).

Service

You can get assistance easily when you have technical questions or questions about how to use your device by using our online support service on the Internet at:

www.my-siemens.com/customercare

If the device needs to be repaired, please contact one of our service centers:

Abu Dhabi.....	0 26 42 38 00	Mauritius.....	2 11 62 13
Australia.....	18 00 62 24 14	Morocco	22 66 92 32
Argentina.....	0 80 08 88 98 78	Netherlands	0 90 03 33 31 02
Austria	05 17 07 50 04	Norway	22 70 84 00
Bahrain	40 42 34	Oman	79 10 12
Bangladesh.....	0 17 52 74 47	Pakistan	02 15 67 35 65
Belgium	0 78 15 22 21	Philippines ..	28 14 98 88
Brunei.....	02 43 08 01	Poland.....	08 01 30 00 30
Bulgaria.....	02 73 94 88	Portugal	8 00 85 32 04
Cambodia	12 80 05 00	Qatar.....	00 97 44 69 67 00
Canada.....	1 88 87 77 02 11	Russia.....	09 57 37 29 51
China.....	0 21 50 31 81 49	Saudi Arabia	0 26 51 50 94
Croatia	0 16 10 53 81	Sharjah.....	0 65 33 66 42
Czech Republic	02 33 03 27 27	Singapore.....	8 45 48 18
Denmark.....	35 25 86 00	Slovak Republic	07 59 68 22 66
Dubai	0 43 55 99 88	Slovenia	0 14 74 63 36
Egypt	0 13 31 31 44	South Africa	08 60 10 11 57
Estonia.....	6 30 47 35	Spain	9 02 11 50 61
Finland.....	09 22 94 37 00	Sweden	0 87 50 99 11
France	01 56 38 42 00	Switzerland.....	0 12 12 00 90
Germany.....	0 18 05 33 32 22	Taiwan	02 25 18 65 04
Greece.....	0 16 86 43 89	Thailand	0 27 15 51 00
Hong Kong.....	22 58 36 36	Tunisia	01 86 19 02
Hungary	06 14 71 24 44	Turkey.....	0 21 65 71 89 89
Iceland.....	5 11 30 00	United Kingdom	0 87 05 33 44 11
India.....	01 16 92 39 88	USA	1 800 777 0211
Indonesia.....	02 14 61 50 81	Vietnam	45 63 22 44
Ireland.....	18 50 77 72 77	Zimbabwe.....	04 36 94 24
Italy.....	02 66 76 44 00		
Ivory Coast	80 00 03 33		
Jordan	0 79 55 96 63		
Kuwait	4 81 87 49		
Latvia.....	7 50 11 14		
Lebanon.....	01 44 30 43		
Libya.....	02 13 35 02 31		
Lithuania.....	2 39 77 79		
Luxembourg	43 84 33 99		
Malaysia	03 79 52 51 84		
Malta	00 35 32 14 94 06 32		

Your Gigaset is intended for operation in your country, as depicted on the underside of the base station. Country-specific features have been taken into account.

The conformity of the device with the essential requirements of the R&TTE directive is confirmed by the CE symbol.

Step
by
Step

Excerpt from the original declaration)

"We, Siemens AG, declare, that the above mentioned product is manufactured according to our Full Quality Assurance System certified by CETECOM ICT Services GmbH with the registration number "Q810820M" in compliance with ANNEX V of the R&TTE-Directive 99/05/EC. The presumption of conformity with the essential requirements regarding Council Directive 99/05/EC is ensured."

Senior Approvals Manager

The Declaration of Conformity (DoC) has been signed. For an original copy of the signed Declaration of Conformity (DoC) please contact the Siemens hotline.

CE 0682

Technical data

DECT standard	is supported
GAP standard	is supported
Number of channels	120 Duplex channels
Broadcast band	1880 MHz to 1900 MHz
Duplex procedure	Time multiplex, 10 ms frame length
Channel spacing	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Language encoding	32 kbit/s (ADPCM)
Output power	10 mW, average power per channel
Range	up to 300 m outdoors up to 50 m in buildings
Power supply	220/230 V ~/50 Hz (plug-in power supply unit SNG 8-a)
Power consumption	In the standby state, approx. 4.6 W When busy: with handset approx. 4.8 W with telephone (TAE) approx. 5.2 W
Environmental conditions for operation	+5 °C to +45 °C 20 % to 75 % relative humidity
ISDN port	Euro-ISDN multi-device connection IAE
TAE connection (INT 21/22)	Socket: TAE 6, F/N coding Dialling method: DTMF (tone dialling) Data transmission rate: max. 28.8 kbit/s
Dimensions of the base station	approx. 152 x 213 x 61 mm (h x w x d)
Weight of the base station	0.350 kg
Length of power cable	Power cable approx. 3 m ISDN connection cable approx. 3 m USB connection cable approx. 3 m

Step
by
Step

Accessories

Gigaset 4000 Micro handset



- Illuminated keypad
- Vibration alarm
- Connection socket for headset, PC and MP3 player,
- 5-line illuminated graphic display
- SMS,
- Walkie-talkie,
- Hands-free
- Telephone book for approx. 200 numbers/names,
- Room monitor
- Appointment function

Scope of delivery: Handset with charger

Colour: midnight blue metallic

Gigaset 4000 Comfort handset



The Gigaset 4000 Comfort offers an extended range of functions:

- 5-line illuminated graphic display
- SMS,
- Walkie-talkie,
- Hands-free
- Telephone book for approx. 200 numbers/names,
- Room monitor
- Appointment function

Scope of delivery: Handset with charger

Colour: midnight blue or glacier green*.

* Country-specific

Step by Step

Gigaset 4000 Classic* handset



The Gigaset 4000 Classic offers the following features:

- 12-digit display for time, numbers etc.
- Telephone book with 20 entries,
- Alarm function,
- Redial the last five numbers.

Scope of delivery: Handset with charger

Colour: midnight blue or glacier green*.

* Country-specific

Gigaset repeater



With the Gigaset repeater you can expand the receive range from your Gigaset handset to the Base unit.

(Not available in all countries!)

Mobile hands-free set with PTT key



With the mobile hands-free set you can leave your hands free when making calls.

Others can also listen in on the call on the handset.

* Not available in all countries.

Step
by
Step

MP3 player USB



The integrated read/write device facilitates fast, easy downloading of MP3 files from your PC. A replaceable multi-media card is included in the scope of delivery.

The stereo headset guarantees first-class sound quality and in conjunction with the integrated microphone, it is also has the dual function of a hands-free unit.


All **devices, accessories** and **batteries** can be purchased through **specialist outlets** or the Internet through the **Siemens Service Shop**:

<http://communication-market.siemens.de/serviceshop/default.asp>

Menu Displays

Gigaset 4000 Comfort menu

Please also refer to the local operating instructions for the Gigaset 4000 Comfort.

Press  with the telephone in its **standby state**.

Step 1	Step 2	Step 3
Text Message	Write Message	Enter
	Inbox	Select
	Outbox	Select
	Available memory	Info
Add. Features	Room Monitor.	Enter
	Walk and Talk	Enter
Calendar/Clock	Set Appoints.	Enter
	Alarm Clock	Enter
	Missed Dates	Enter
	Date/Time	Enter
Sound Settings	Handset Volume	Enter
	Ringer Settings	Enter
	Advisory Tones	Enter
Costs	Cost overview	Select
	Type of calcul.	Select
	Last charge	Select
H/Set Settings	Auto Answer	
	Language	List
	Register H/Set	List
	Select Base	List
	Reset Handset	
Base Settings	Calls up the main menu for the base station.	
Voice mail	This menu item is available only if the handset is operated on the Gigaset 4175isdn base station. The answering machine menu for the base station is called up.	

**Step
by
Step**

Menu of the Gigaset 4170/4175isdn base station

Display on Gigaset 4000 Comfort handset.

Voice mail > Select AM, e.g. AM1: AM 91

Step 1	Step 2	Step 3	Step 4
Messages	New messages	OK	Continue
	All messages		Delete message
			Call back
			NET list/No.from provider
			Repeat
			Del.old messages
			Display
			Status to 'new'
			Save number
			Speed
			Exit
Memos	New memos	OK	Continue
	All memos		Delete curr.memo
			Repeat
			Delete old memos
			Status to 'new'
			Speed
			Exit
	Record memo	OK	START
Announcements	Announcement 1	OK	Select *
	Announcement 2		Record
	Announcem. only		Play back
	Concl.announcem		Delete
Status	Messages	OK	Status report
	Memos		
	Announcement		
	Recording		
	Time control		
	Start options		
	Playback		
	Remote options		
	General		

**Step
by
Step**

Voice mail > Select AM, e.g. AM1: AM 91			
Step 1	Step 2	Step 3	Step 4
Settings	Message/Memo	Message length	1 minute
			2 minutes
			3 minutes
			Maximum
		Time stamp	OK
	Time control **:* = HH: MM	Activate?	OK
		Mon - Fri	***
			Announcement 1

			Announcement 2
			*** Ann. Only
			*** AM off
		Saturday	As for Mon-Fri
			Ann. 1 24h
			Ann. 2 24h
			Ann. only 24h
			AM off
		Sunday	As for Mon-Fri
			Ann. 1 24h
			Ann. 2 24h
			Ann. only 24h
			AM off
	No. of rings	Automatic 2/4	OK
		1 ring tone	↓ OK
		2 ring tones (2 to 9)	↓ OK
	Automatic pause	OK	
	Remote options	Remote control	OK
		Remote delete	OK
	Change AM-PIN	New PIN	Repeat PIN
	AM lock	OK	
	AM quality	High quality	OK
		Long recording	OK
	Aut. listen in	Activate?	OK
		Select HS	↓ OK
	SMS notificat.	Dest.call no.	+ =
Deactivate?	OK	Activate?	

* not for concluding announcement

**Step
by
Step**
Base Settings > Status

Step 1	Step 2	Step 3
Callback	OK	Display of the numbers with callback
Withhold no.	OK	<input checked="" type="checkbox"/> if set up permanently
Call forwarding	OK	<input checked="" type="checkbox"/> MSN with call forwarding
Ext.occupations	OK	No. of seized B-channels, if any
AM1 on	OK	<input checked="" type="checkbox"/> if AM 1 on
AM2 on	OK	<input checked="" type="checkbox"/> if AM 2 on
AM3 on	OK	<input checked="" type="checkbox"/> if AM 3 on

Base Settings > Missed calls

Step 1	Step 2	Step 3	Step 4
<input checked="" type="checkbox"/> Missed calls	OK	Number ≡+	Dial number
			NET list
			Copy to dir.
			Change number
			Delete entry
			Display entry
			Delete list

Base Settings > Accepted calls

Step 1	Step 2	Step 3	Step 4
<input checked="" type="checkbox"/> Missed calls	OK	Number ≡+	Dial number
			NET list
			Copy to dir.
			Change number
			Delete entry
			Display entry
			Delete list

Base Settings > Call preparat.





Step 1	Step 2	Step 3
Temp.withhold	<input checked="" type="checkbox"/>	*
MSN next call	OK	<input checked="" type="checkbox"/> MSN **
Temp. keypad	<input checked="" type="checkbox"/>	
Canc. call park	OK	Park-Nr.

* This feature is only available if supported by the net provider.





** At least one MSN must be assigned to the handset.

Step
by
Step

Base Settings > Forward. netw.





Step 1	Step 2	Step 3	Step 4
MSN1 Call... 	New entry	MSN 	Immediately
etc.			On busy
			On no reply
	Activate?		
	Edit entry		
	Delete entry		

Base Settings > Forward. base

Step 1	Step 2	Step 3	Step 4
Activate?		Deactivate?	
Forward. dest.	INT11:Internal11 *	 	
No. of rings	0 - 9		

* Display of all available internal numbers.

Base Settings > Night service

Step 1	Step 2	Step 3	Step 4
MSN1 xy... 	Activate?		Deactivate?
etc.	Forward. dest.	External	Dest.call no.
		Internal	INT11:Internal11 *
		Answering mach.	AM1: ... 91 AM2: ... 92 AM3: ... 93
	Start time:	HH:MM	Save entry Cancel
	End time:	HH:MM	Save entry Cancel
	Sat/Sun all day	 	












* Display of all available internal numbers

Base Settings > Settings > Security

Step 1	Step 2	Step 3
Change PIN	New PIN	New PIN
Authorisation	INT11:Unrestrict *	Unrestricted
		Incom.only
		Int. only
Emergency nos.		Change number
		Delete number
		Display number

* Display of all available internal numbers.

**Step
by
Step**
Base Settings > Settings > Setup user

Step 1	Step 2	Step 3	Step 4
Setup device	INT11: Internal 11*	Name	 
		Send MSN	 OK
		Receive MSN	 OK
		MSN next call	OK 
		Call waiting	OK 
		Ring delay	 OK MSN yx No. of rings
		Hunt group	OK 
		Auto. seizure	OK 
		Door call grp.	OK 
De-register	INT12: Internal 12*	 OK	

* Display of all available internal numbers of cordless devices.

Step
by
Step

Base Settings > Settings > System settings			
Step 1	Step 2	Step 3	Step 4
Music on hold	Internal	OK	
	External *		
	OFF		
Date/time	Set time	Day:	Save entry
		Month:	Cancel
		Year:	
		Hour:	
		Minute:	
	24 hours	OK	
	12 hours	OK	
Costs ** (Interrogation of system PIN)	Cost overview	Total amount	Delete amount
		units centr.off.	OK
		costs centr.off.	OK
		No rate	OK
		Rate --	Save entry
		Rate ---	Insert euro
	Last charge		£ Insert pound
			\$ Insert dollar
Access code	Access code:	Save entry	OK
		Cancel	OK
AM auto. pickup	OK		
Spec. function	Factory setting	Operational	OK
		Reset all	OK
	Dial properties	Standard dial	OK
		Auto keypad	OK
		Dial * and #	OK
	Repeater	Ann. Only	NEXT
	SW version	OK	
Ext.room monit.	Dest.call no.	Change number	<Number>
		Delete number	

* Only if "Ext. music/hold" is selected when the device type is set to connection 21 or 22

** On the Gigaset 4000 Comfort, "Costs" is accessed from the local menu

Step
by
Step

Base Settings > Settings > ISDN settings			
Step 1	Step 2	Step 3	Step 4
Set up MSN	MSN x	Edit entry	<Name> F3+
		Ringer melody	Ringer melody: x
		Delete entry	OK
		Display entry	Name *
Withhold no.	OK <input checked="" type="checkbox"/>		
Forward. dest.	<Number>	Save entry	
		No.from dir.	
		No.from provi-der **	
		Cancel	
Lg.-dist. code	National:		
	International:		
Int. enq. call	OK <input checked="" type="checkbox"/>		
Ext. enq. call	OK <input checked="" type="checkbox"/>		
Transfer(ECT)	OK <input checked="" type="checkbox"/>		
Forward. base	OK <input checked="" type="checkbox"/>		
Forward. netw.	OK <input checked="" type="checkbox"/>		
Reject all	OK <input checked="" type="checkbox"/>		
Busy on busy	OK <input checked="" type="checkbox"/>		
Auto.forwarding	MSN x	<Number>	Save entry
			No.from dir.
			No.from provi-der**
			Cancel
Call beats data	OK <input checked="" type="checkbox"/>		

* Call number and melody are also displayed

** On the Gigaset 4000 Comfort this menu is called NET list

Base Settings > Settings > Service centres			
Step 1	Step 2	Step 3	Step 4
<empty> F3+	Edit entry	<Number> F3+	Save entry
	Serv.centre on?	OK	
	Send off?	OK	
	Delete entry	OK	

ISDN Glossary

A

Access classes

Permitted connections (e.g. internal only, incoming or unrestricted call access) are defined on the terminals of a telephone system.

Access levels

Different levels of access can be assigned to different users on your base station telephone. For example, user A may only be allowed to take incoming calls, whereas user B may also make outgoing calls without any restrictions.

Advance dialling, see also en-bloc dialling

On some display telephones you can enter a call number, check it is correct and then dial.

AOC-D

Advice of Charge: During the Call. Charge information is transferred during the call.

AOC-E

Advice of Charge: at the End of the Call. Charge information is not transferred until the end of the call.

Automatic callback

See Callback on busy.

Automatic redial

If the number is busy, further call attempts are made automatically.B

B

Bar/lock

Protects the line against unauthorised use.

Barring certain numbers, outgoing/call restrictions

With this enhanced feature you can suppress dialing of certain numbers from an ISDN telephone (or from an analogue telephone connected to an ISDN system with the appropriate feature), such as premium rate numbers.

C

Call deflection

CD. This must be explicitly enabled by the provider for each ISDN line. With CD you can transfer an incoming call to another call number while it is ringing. You do not need to answer the call. Since the caller has no influence on where the call will be forwarded (to a mobile phone for example), you pay the appropriate charges. The caller will be billed only for the normal telephone charges to the number dialled.

Call forwarding

CF (Call Forwarding) You wish to permanently forward calls to a different line. Call forwarding can be set up externally via the exchange or internally on the terminal.

Call forwarding can be set up separately for each of your call numbers (MSNs) - to your mobile phone when you are on holiday, to the office, to a neighbour, etc.

This is set up in the provider's local exchange. The call therefore never reaches the line originally called.

There are three types of call forwarding: immediate (CFU, Call Forwarding Unconditional), on busy (CFB, Call Forwarding Busy) and on no reply (CFNR, Call Forwarding No Reply).

Call forwarding (via the second B-channel)/internal call forwarding

Whereas external call forwarding takes place in the provider's local exchange, internal call forwarding takes place at your telephone. Your telephone forwards the call via the second telephone line of your ISDN line.

This means that **both telephone lines are busy for the duration of the call**. You pay the charges for the connection to the forwarded number.

However, you save on the fees charged by the provider for this function.

Call waiting

CW Network provider feature. If someone calls you while you are already in a call you will hear a signal tone. ISDN telephones also signal this with a display message. You can then decide whether to accept or reject the second call.

Callback on busy.

The call must have callback activated on his terminal. A connection is automatically set up as soon as the busy status is cancelled on the destination line. When the line becomes free the caller will hear the appropriate signal tone. As soon as he lifts his handset the connection is automatically set up.

Callback on no reply.

If a subscriber does not answer, a caller can activate automatic callback. As soon as the destination subscriber has set up a call and is free again the appropriate signal tone will be sent to the caller. This feature must be supported by the central office. The callback order will be automatically cancelled after about two hours (depending on the provider).

Caller identification

The call number, name or type of connection (e.g. exchange/internal) of the call is shown on the telephone display.

Caller list

Depending on the settings, the list contains the callers whose calls you missed or the callers to whom you have spoken. The last 20 calls made and received are stored along with telephone numbers, dates and times. You can call back directly from this list.

Calling Line Identification Restriction (CLIR)

Transfer of your own call number is disabled.

CCBS (Completion of calls to busy subscriber)

See Callback on busy.

CCNR (Completion of calls no reply)

See Callback on no reply.

CD (Call Deflection)

See Call deflection

CF (Call Forwarding)

See Call forwarding

Channel

An ISDN line, like an analogue telephone line, has two cables running into your house but a distinction is made in ISDN between the two logical user channels, known as the B-channels (which have nothing to do with the physical cables) and the control channel, known as the D-channel.

Charge display

See AOC-D and AOC-E.

CLIP (Calling Line Identification Presentation)

Subscriber A calls subscriber B. The call number of A appears on B's telephone display.

CLIR (Calling Line Identification Restriction)

The number of the calling line is not displayed.

COLP (Connected line identification presentation)

Subscriber A calls subscriber B. The call number of B is displayed on A's telephone. If B has programmed call forwarding or deflection to C, then the number dialed and the number transferred will not be the same; the call number of C will be displayed, provided C has not suppressed his number.

COLR (Connected line identification restriction)

The call number of C is not displayed on A's telephone if C has set up COLR.

Conference call

See Three-party conference.

Consultation call

You are engaged in a call. You can use the "Consultation" function to interrupt the call briefly to set up a second external call or internal call to another subscriber. If you speak to the other person and then end the call, this was a consultation call. If you switch back and forth between the first and second parties, this is called toggling.

CW (Call Waiting)

See Call waiting

D

Digital exchange

Computer-controlled memory time switches are used to set up calls quickly and activate enhanced features such as => consultation calls, => call waiting, => three-party conference, => call deflection, etc.

D-channel

Control channel for an ISDN line. See Channel.

E

ECT (Explicit call transfer)

See Switching.

Electronic code lock

Personal identification number (=> PIN) that you can use, for example, to prevent people using your phone without your consent – calls to the emergency services can still be made however. Incoming calls can still be taken.

En-bloc dialling

Also known as advance dialling. You can key in the number you wish to call and make any necessary corrections. Then you can lift the handset or press the speaker key.

Enhanced line

ISDN line that offers three features more than the standard line: call deflection, advice of charge at the end of the call and T-Netbox.

Explicit call transfer (on ISDN telephone systems)

ECT. Subscriber A calls subscriber B, places the call on hold and calls subscriber C. Instead of now all talking in a three-party conference, A now transfers B to C and replaces the handset.

Exchange

A nodal point in the public telephone network. A distinction is made between local exchanges and long-distance exchanges.

H

Hands-free talking

The hands-free system on a telephone enables you hear the caller via the loudspeaker and talk to the caller via a built-in microphone without lifting the handset. Other people in the room can therefore also take part in the call.

Holding calls

(Hold). Interrupting and restoring an existing call. In particular, this is useful for consultation calls and toggling.

Hot key

This disables the telephone for all call numbers apart from one specific user-defined number. When the handset is lifted and any key is pressed a call is automatically made to the stored number. This is ideal for children who cannot be relied on to dial correctly. Calls to the emergency services can still be made. This function is available on Gigaset 3000/2000 Comfort handsets.

I

Internal calls

These are connections free of charge between the base station telephone and handsets.

Internal ringer

Special signal tone on telephone systems to discriminate between internal and external calls.

ISDN

Abbreviation for Integrated Services Digital Network. Integration can cover telephone, fax and data transfer for example.

ISDN abbreviations

CW	Call waiting
CF	Call forwarding
3PTY	Three-party conference
CCBS	Callback on busy
CD	Call deflection

K

Keypad

The keypad supports special function keys such as the star key (*) and the hash key (#). These can be used with the appropriate codes to access various functions offered by your provider (such as #4711*).

L

Lock function/PIN

A code protects your telephone against unauthorised use. By entering single-digit or multi-digit lock numbers you can prevent certain numbers or groups of numbers from being dialled.

M

MCID (Malicious call identification)

See Trace.

MSN

Multiple Subscriber Number. The call numbers of an ISDN multiple device connection. They are used to address specific terminals; the fax machine, for example, may have a separate number. Three MSNs are included in the basic price of the standard line and the enhanced line. Up to ten MSNs can be assigned to an ISDN line.

Multiple subscriber number

See MSN.

Multiple device connection

ISDN line which, in contrast to a system connection, provides up to ten MSNs instead of one extension number block. This is the most usual type of ISDN line for private customers.

Music on Hold

Music on hold. Music is played to the waiting caller during a consultation call or call transfer.

Mute

Enhanced feature on telephones; deactivates the built-in microphone (in the handset or hands-free system).

N

Notebook function

During a call you can enter a call number in the telephone's memory so you can dial it later.

NT/NTBA

NT = Network Terminator, NTBA = Network Terminator Basic Access. The public T-ISDN ends at the NT. The NT provides the link to the existing telephone socket. Only the NT can and should be connected to the telephone socket. Analogue terminals must not be connected to the telephone socket. ISDN terminals and other ISDN sockets are connected to the NT.

O

On-hook dialling

Enhanced telephone function: The handset is not lifted until the called party answers.

Open listening

At the push of a button everyone in the room can listen to the telephone call via the built-in loudspeaker. See also Hands-free talking

Outgoing MSN freely selectable

This is a feature which enables you to determine which MSN is to be used for the subsequent call. This is important not only for call number display on the called party's phone but also for calculating call charges. Call costs, which can be coded by MSN free of charge on the provider's bill, are assigned to the MSN that was used to make the appropriate call.

P

Parking calls

You park a call when you unplug the telephone during a call or replace the handset so you can pick up the call on another handset connected to the same line. The call remains connected during this time.

Phonebook

Enhanced feature of a telephone; stores the names and call numbers of other subscribers. The numbers can be quickly found and dialled.

PIN

Abbreviation for **P**ersonal **I**dentification **N**umber. This is used to protect against unauthorised use, examples include the system-PIN, answering machine PIN and handset PIN.

R

Recording the calls

This is a feature of the answering machine; enables a call to be recorded.

Reject call waiting

Deactivates the call waiting signal.

Remote replay

Answering machine function. This involves dialling in to the answering machine to listen to messages; in most cases you can also delete messages and change announcements.

Remote power-on

This enables the answering machine to be switched on and off under PIN control during a telephone call.

Repeater

With a repeater you can increase the range of the handsets linked to a base station telephone. The unit receives the radio signal from the base station telephone and transmits it on.

Repertory keys/function keys

Enhanced feature on a telephone; a limited set of call numbers can be assigned to specific keys. These programmed numbers can then be dialled at the push of a button.

Ring delay

For each internal user you can define how many ringing signals are received before ringing is activated. This setting can be made for each MSN. If you are operating your handset on the private call number, ringing should start after, say, three ring tones in addition to the base station telephone (the base station telephone will start ringing immediately), whereas your handset should ring immediately if you receive a call on the business number.

Room monitoring

A feature on the answering machine or telephone, for example. Enables you to listen in on a room via the telephone network. PIN-protected.

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